

FIG. 1

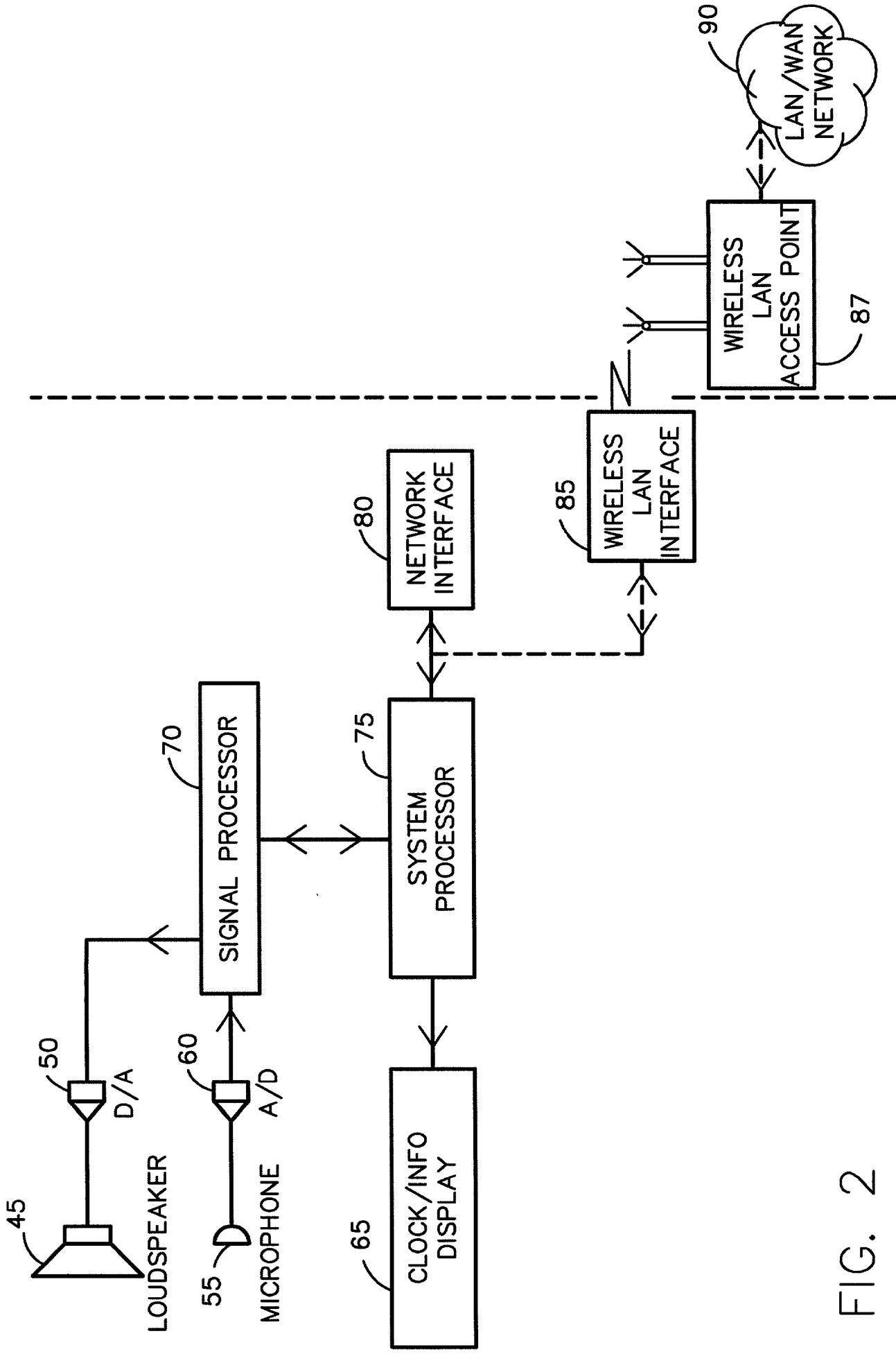


FIG. 2

+

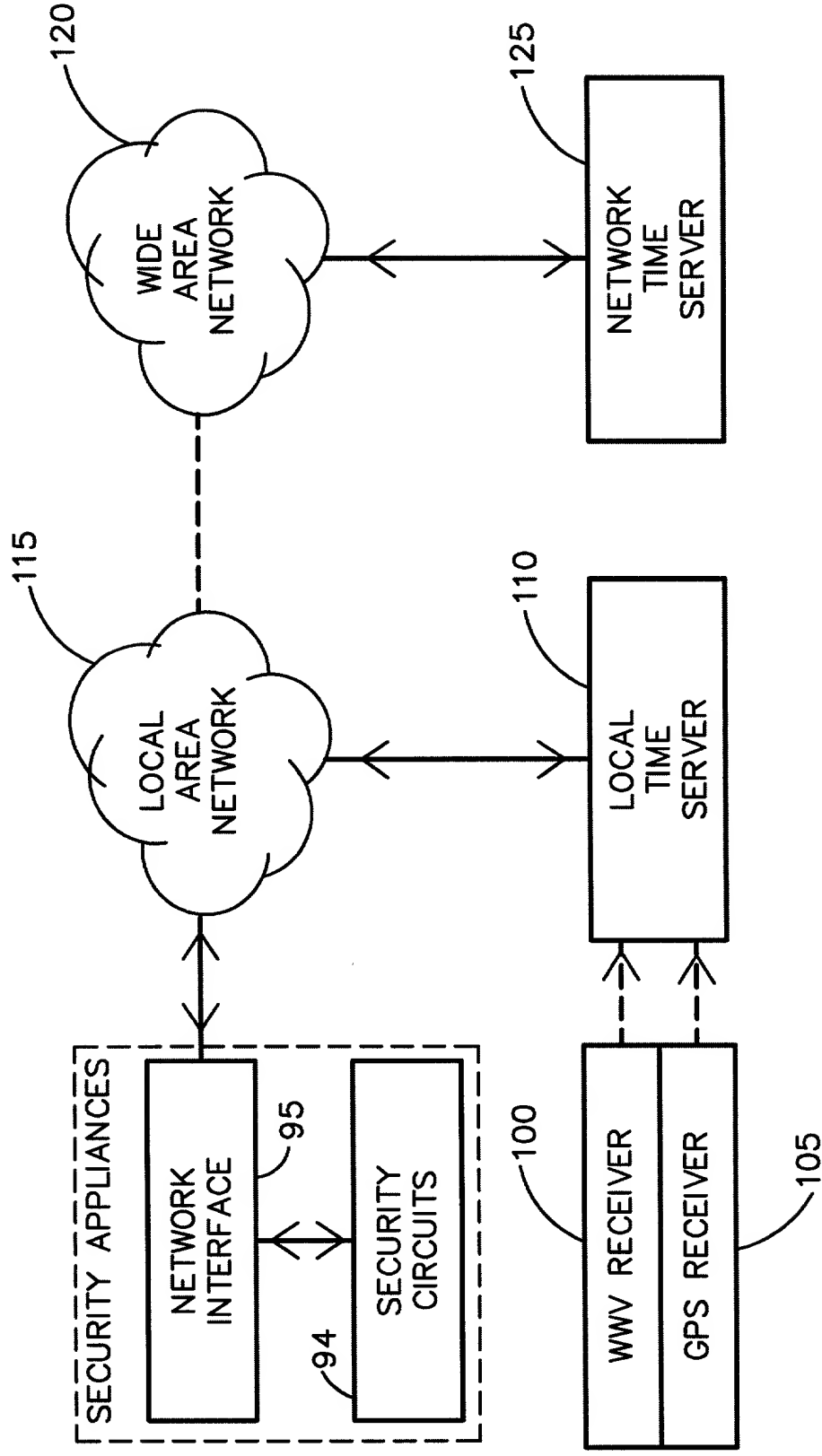


FIG. 3

+

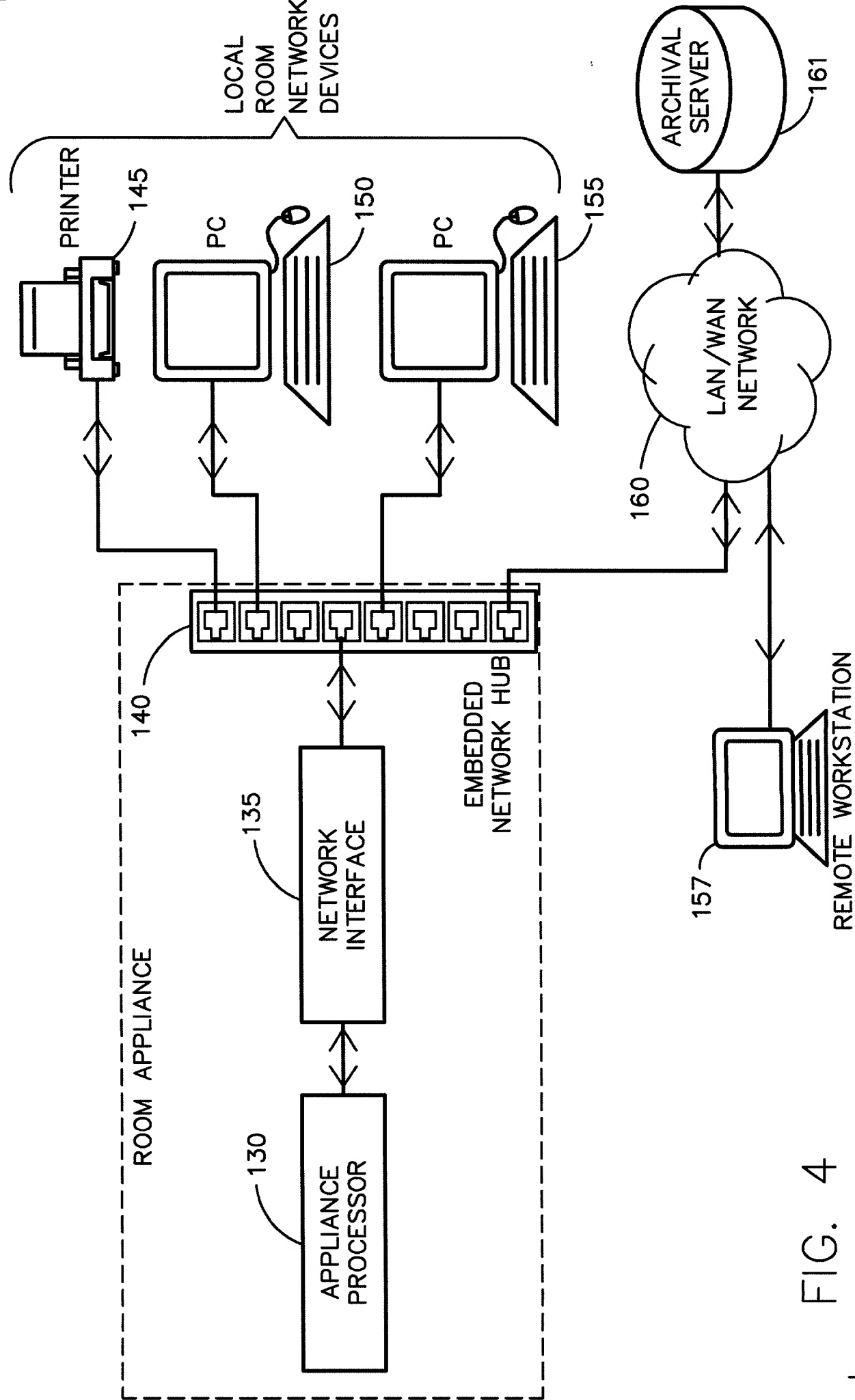


FIG. 4

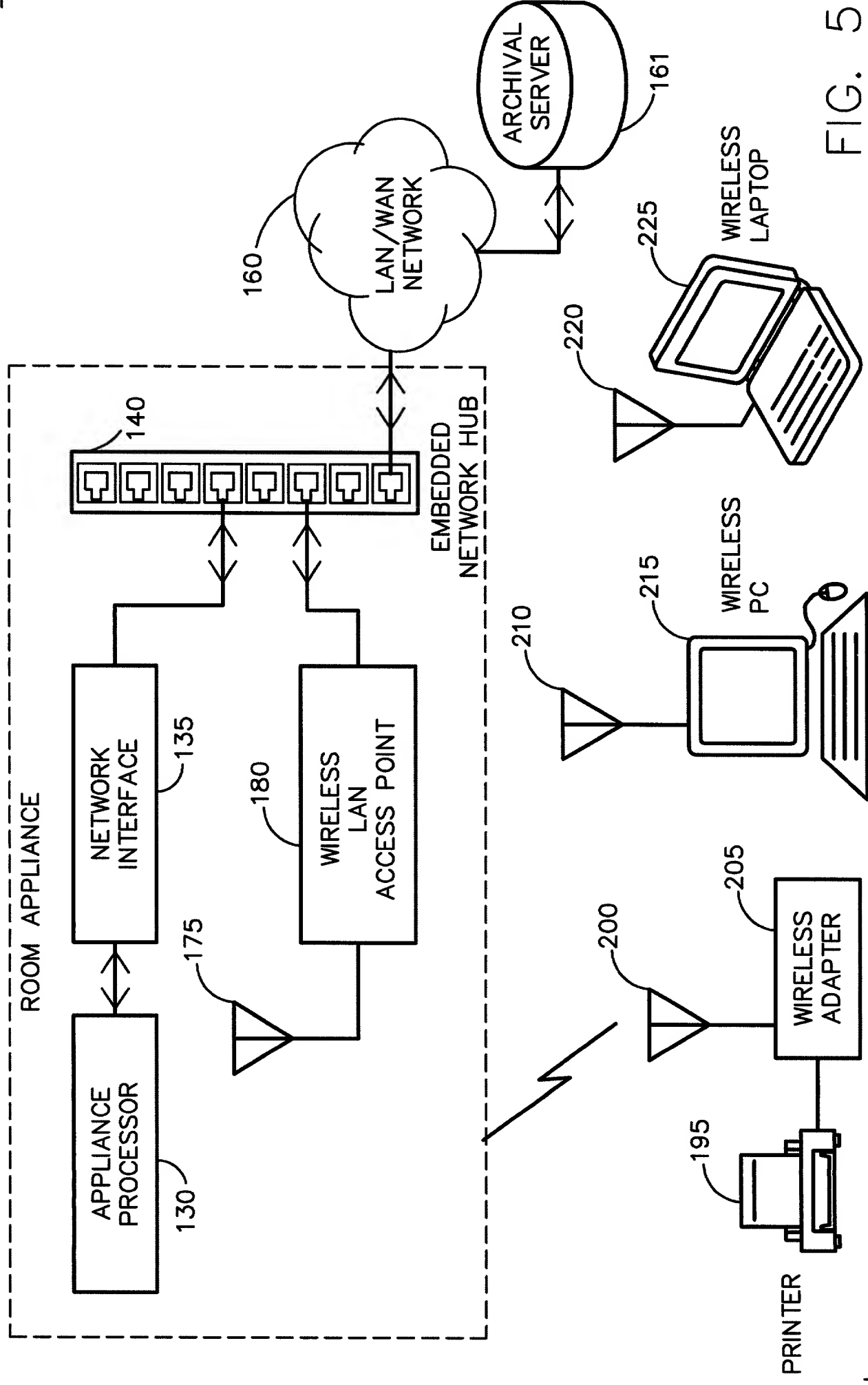
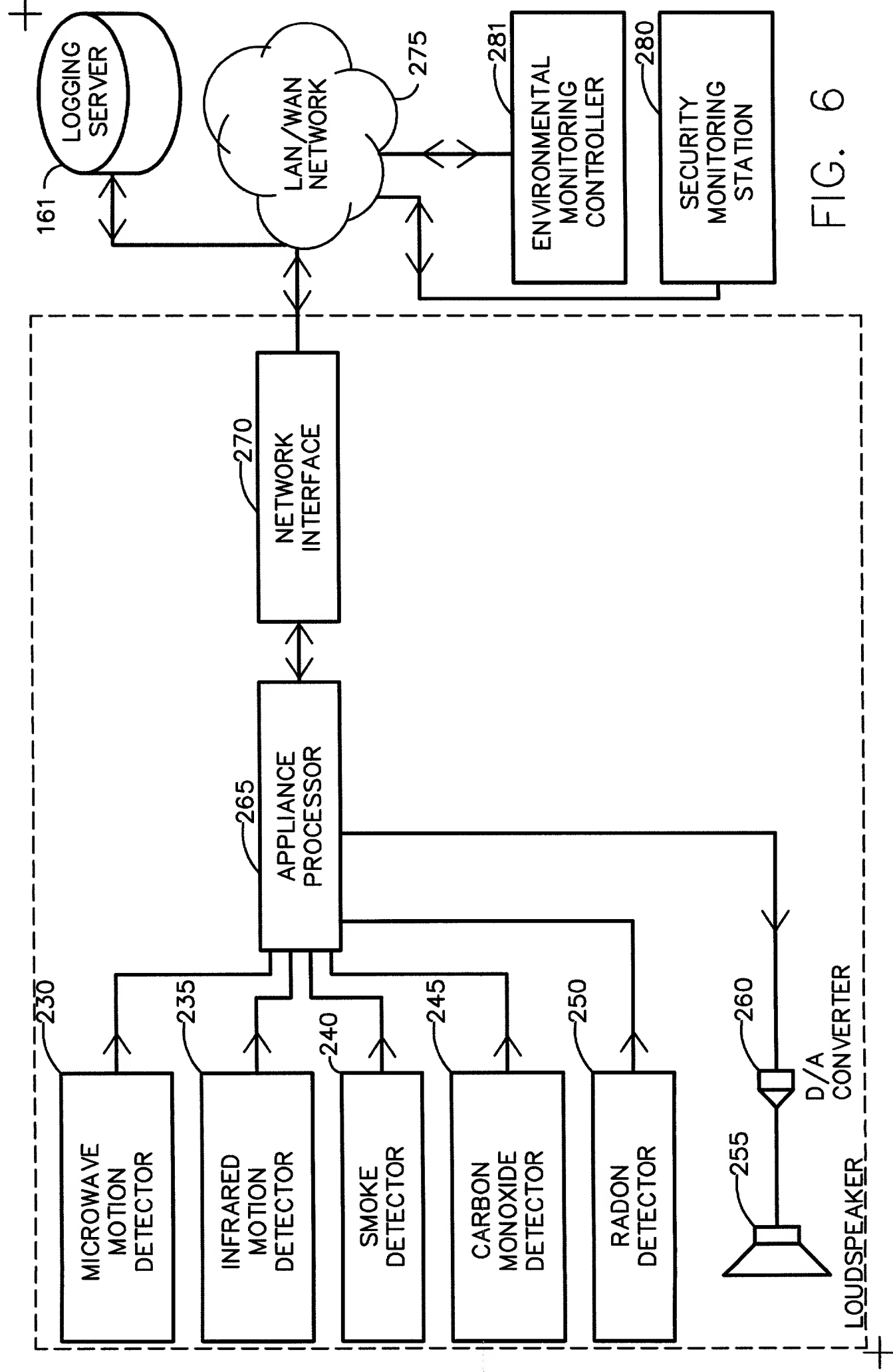
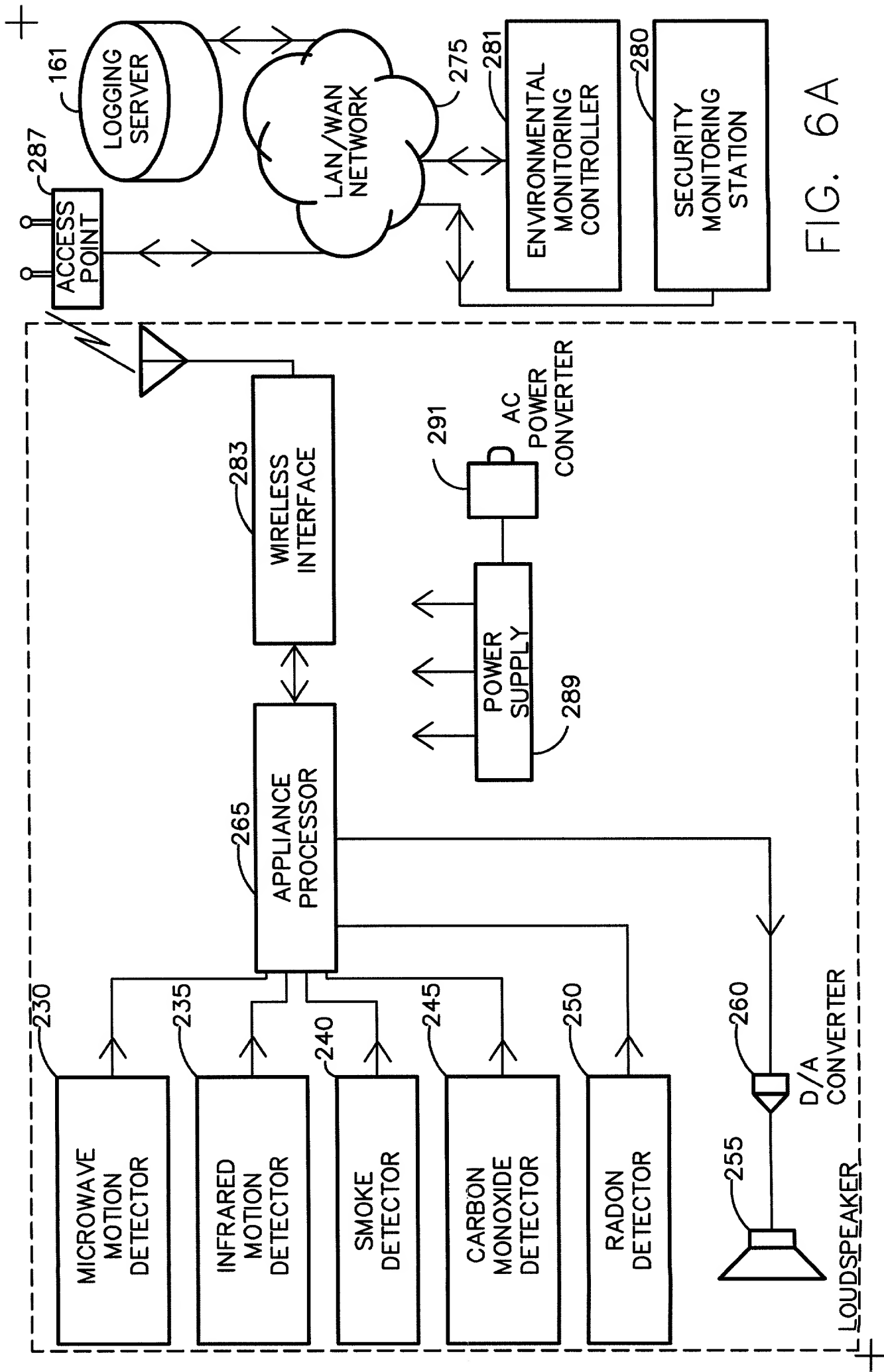


FIG. 5







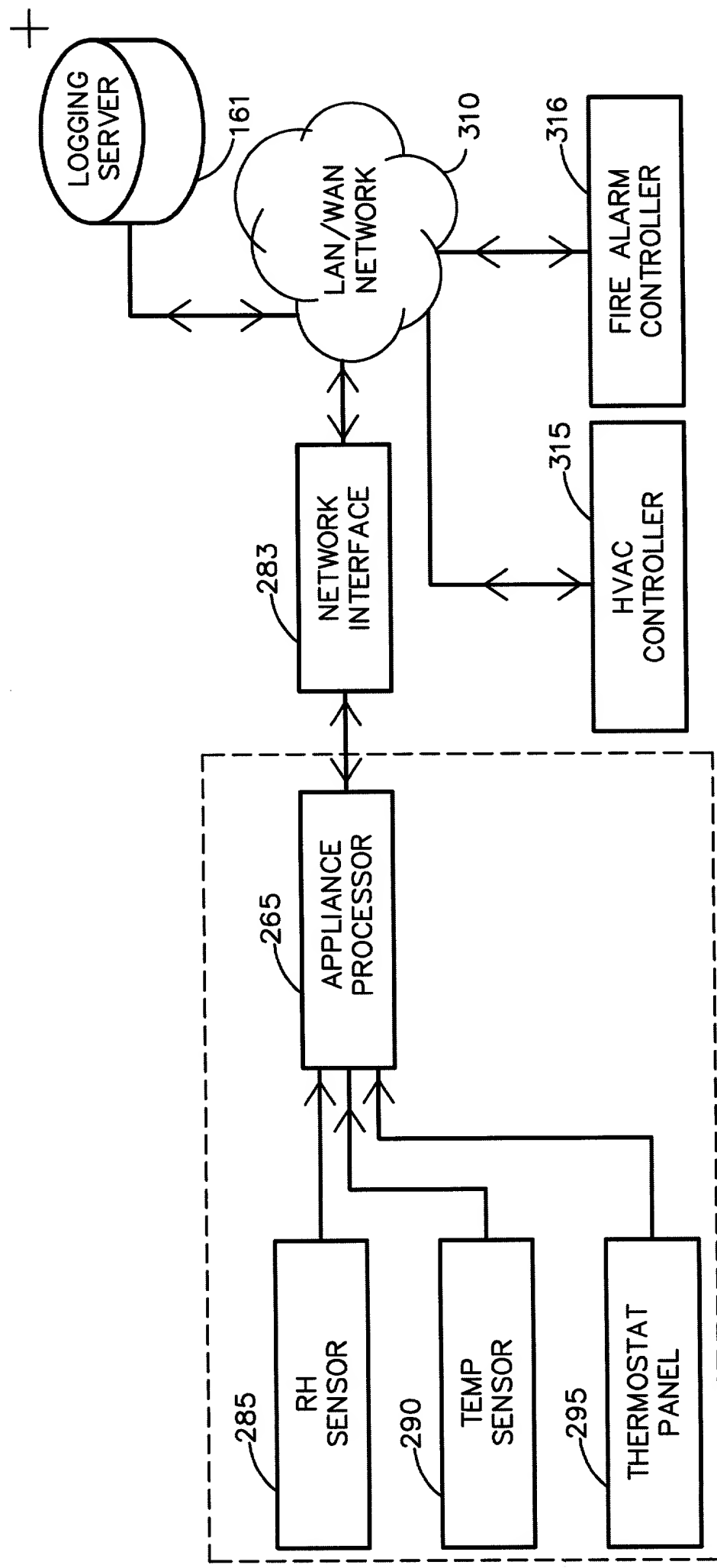


FIG. 7



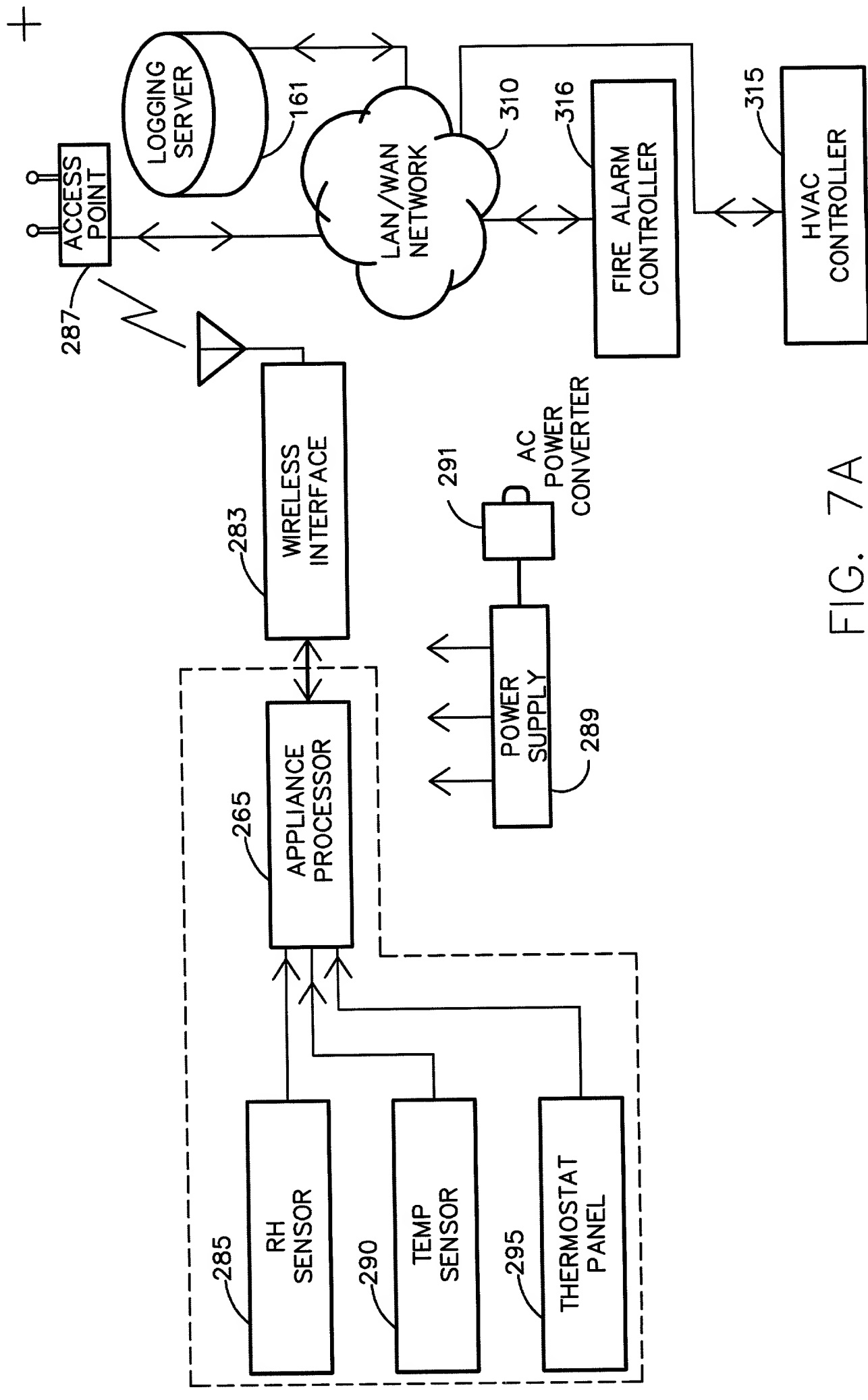


FIG. 7A

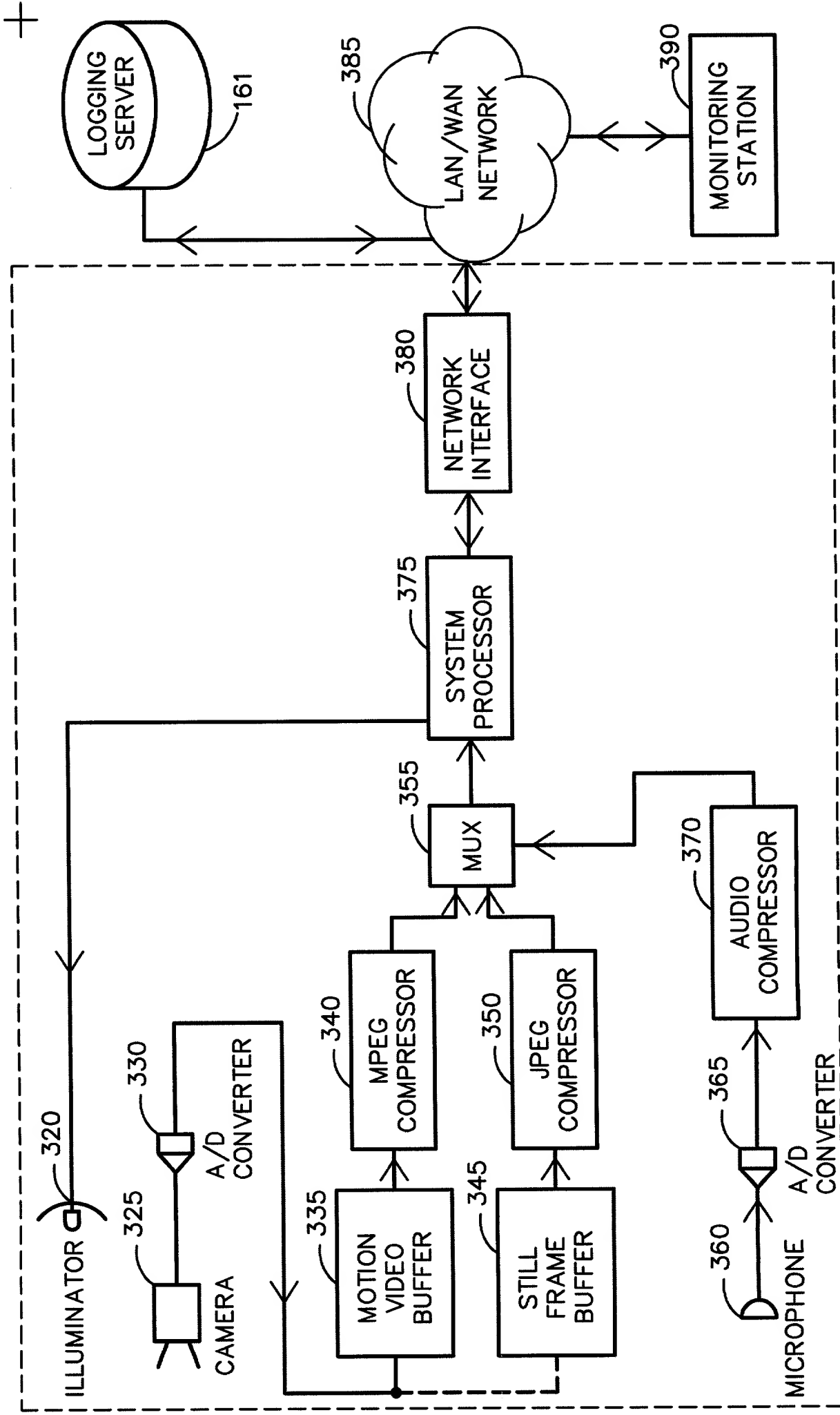


FIG. 8

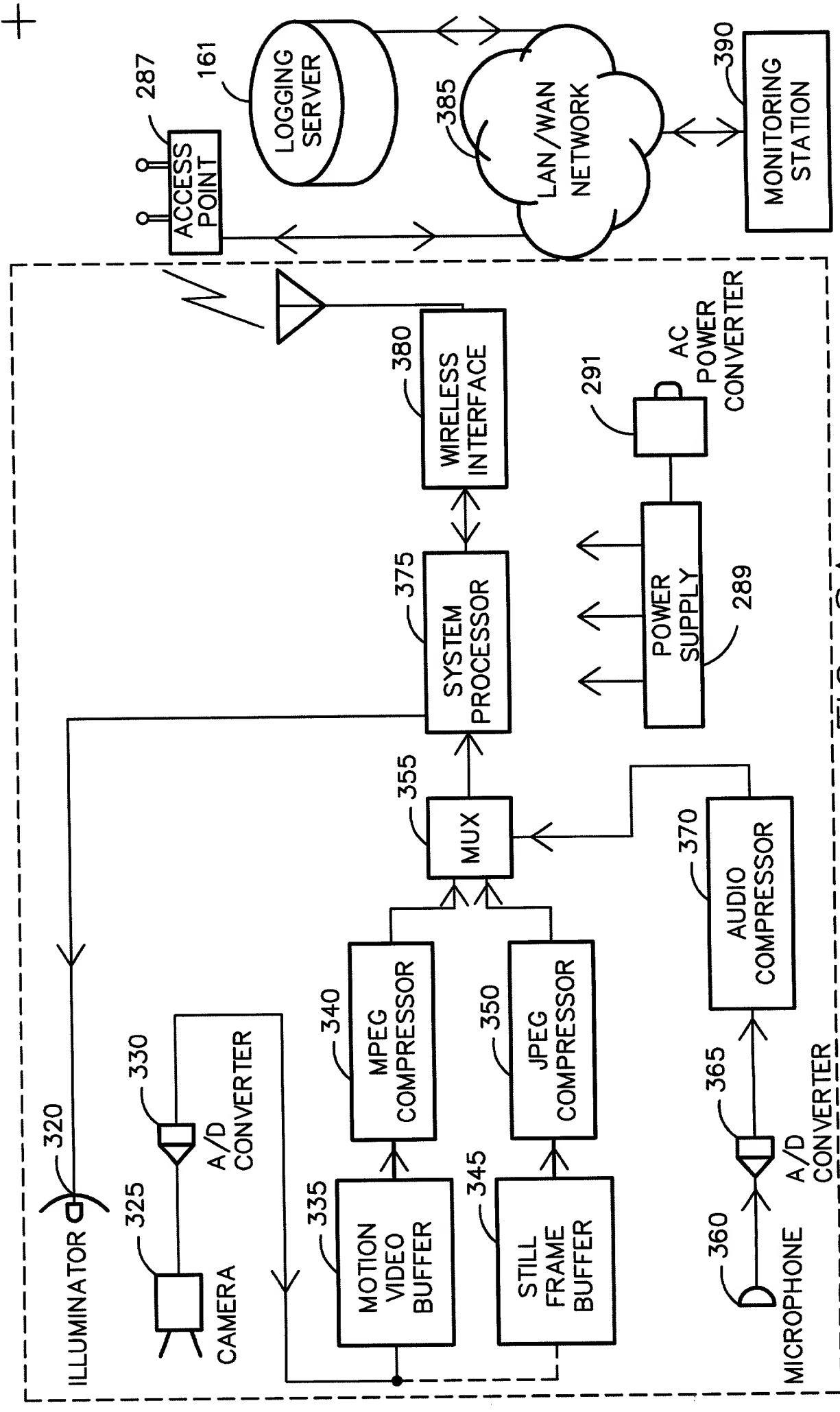
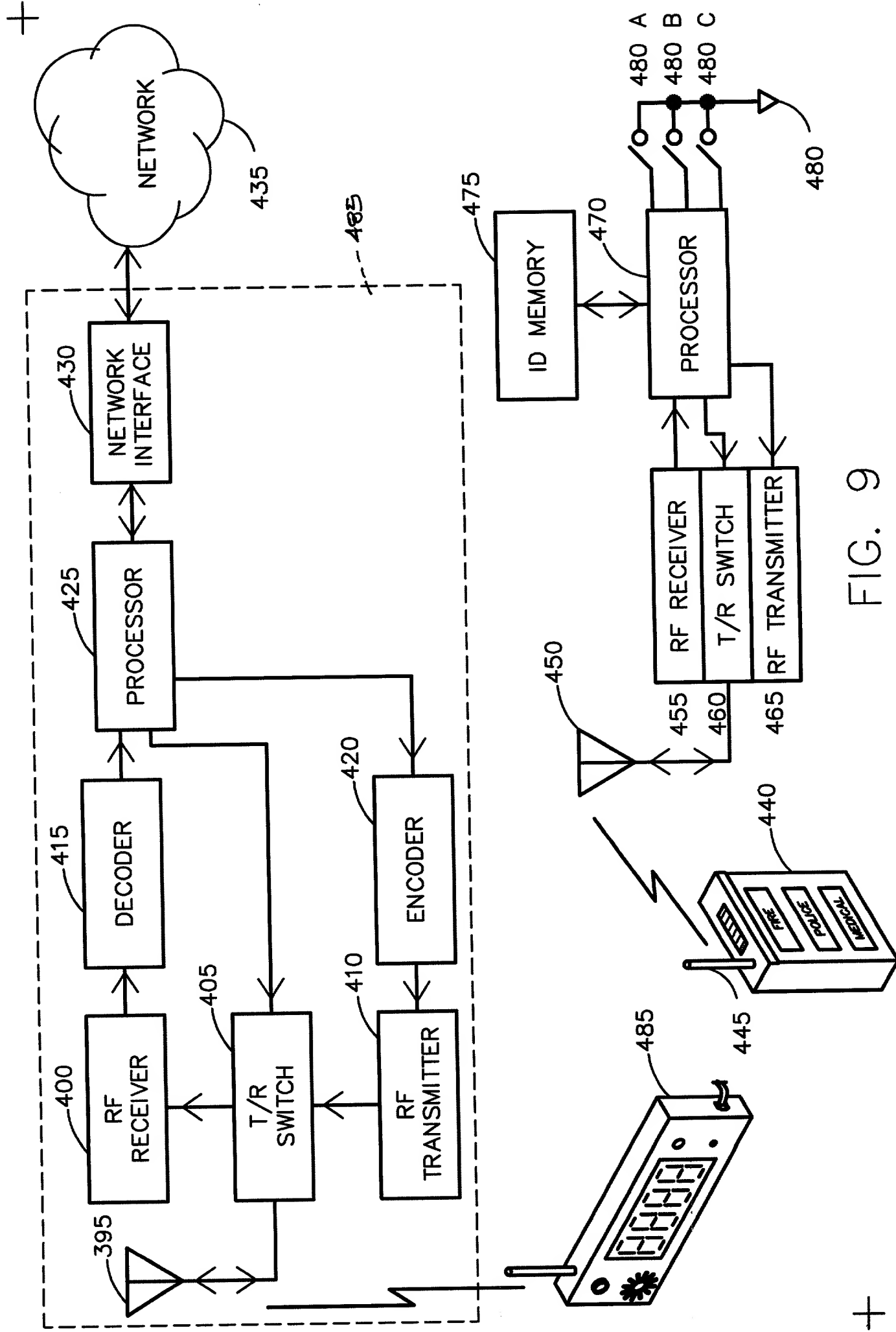


FIG. 8A



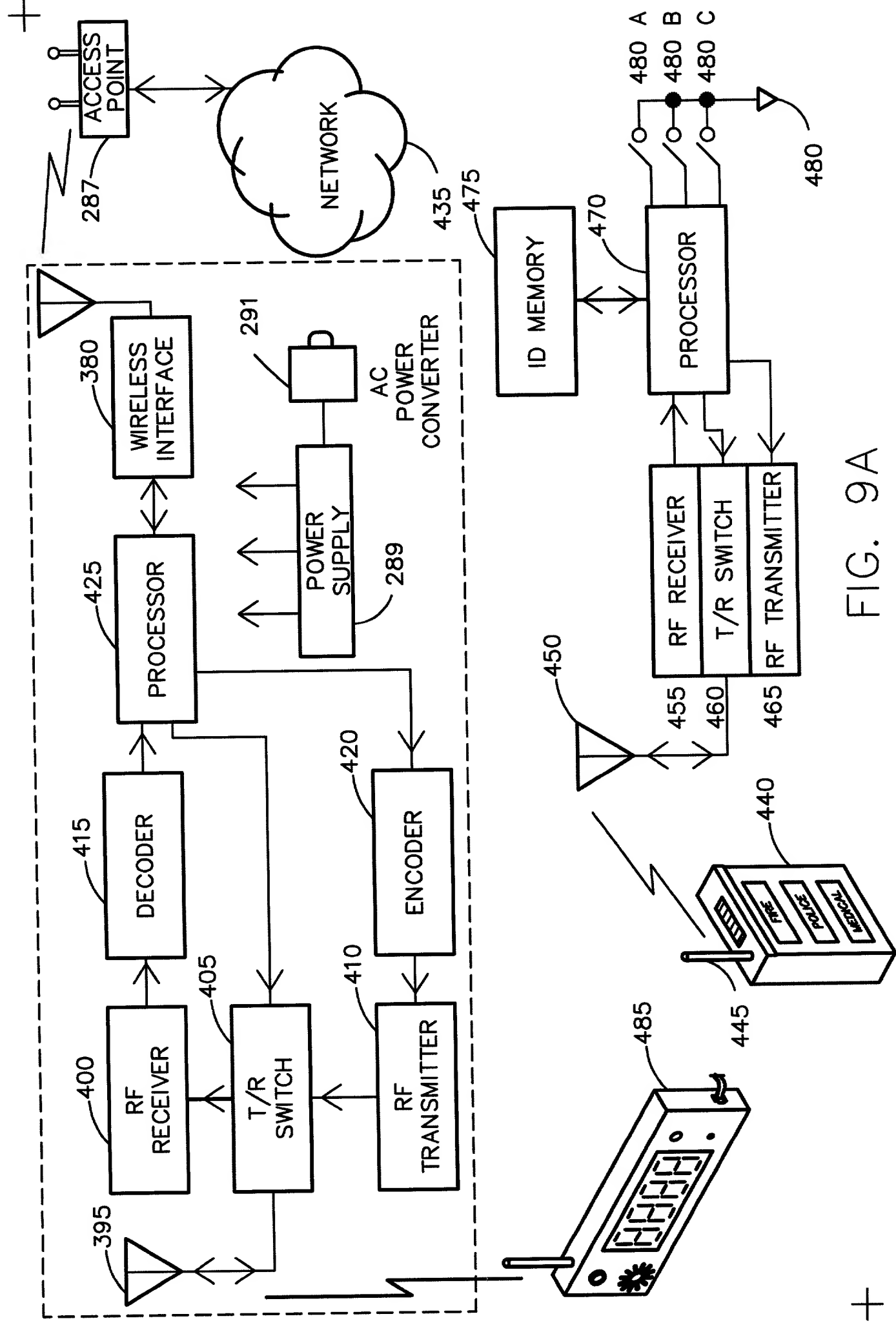


FIG. 9A

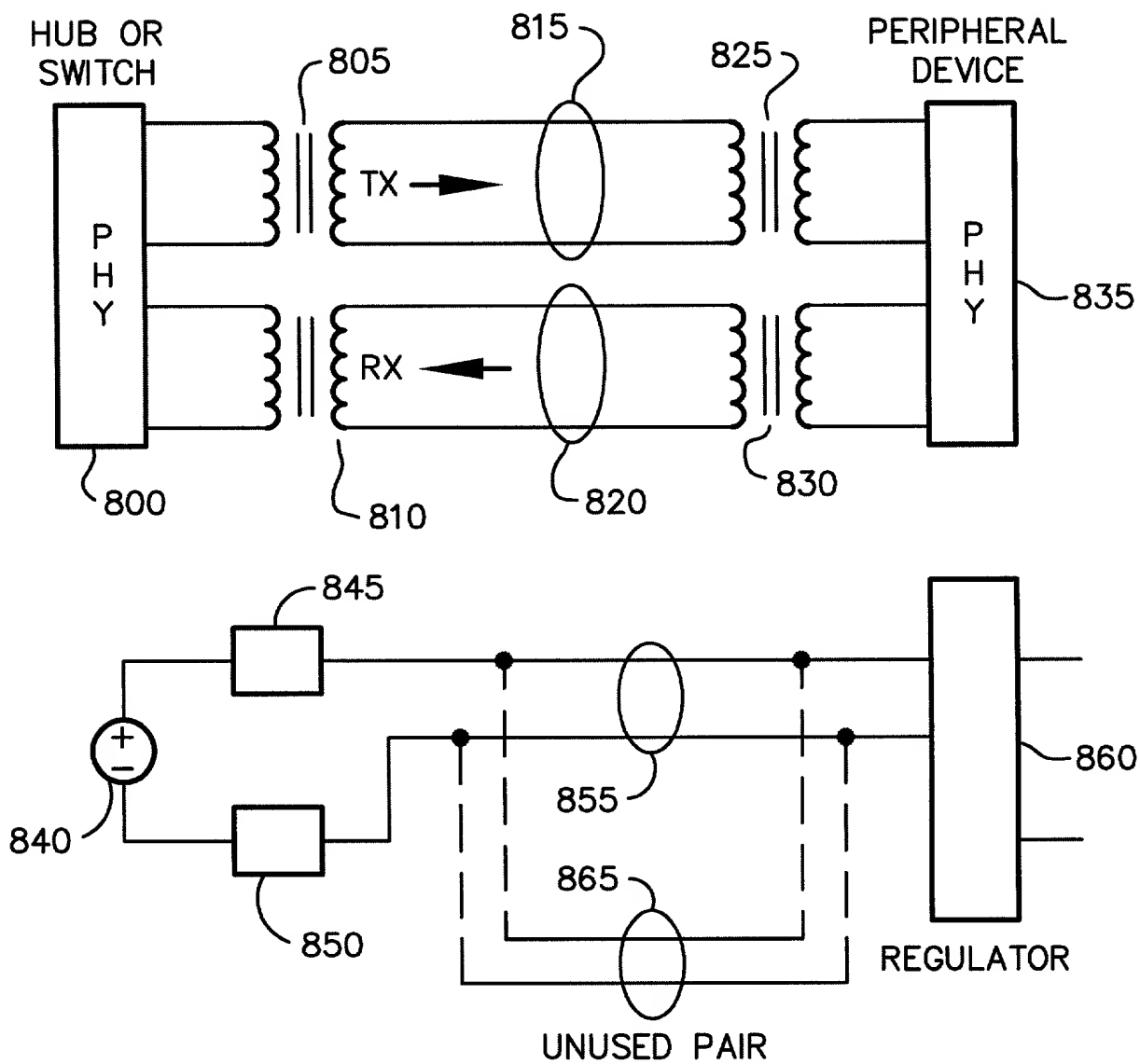


FIG. 10

FIG. 11

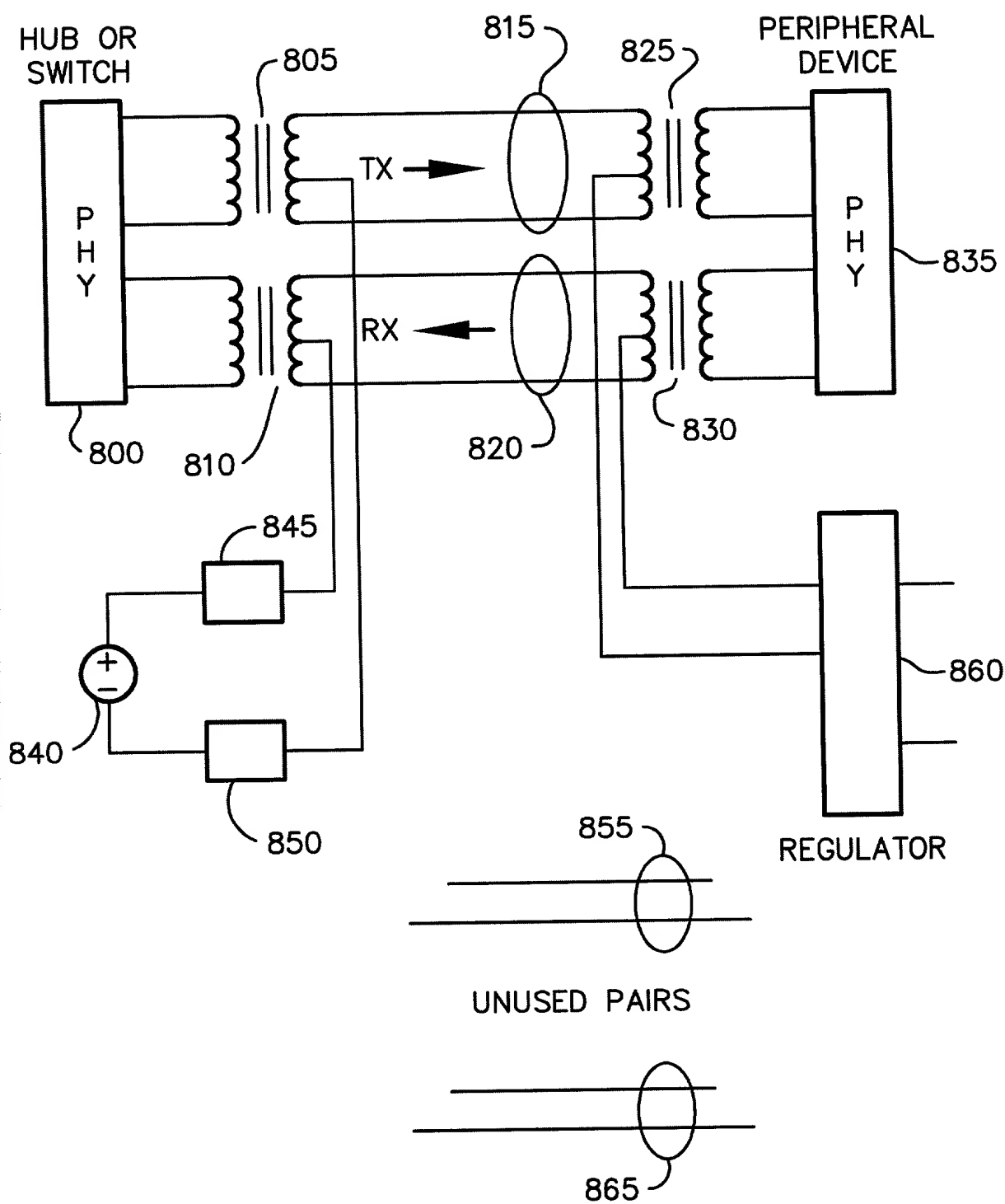
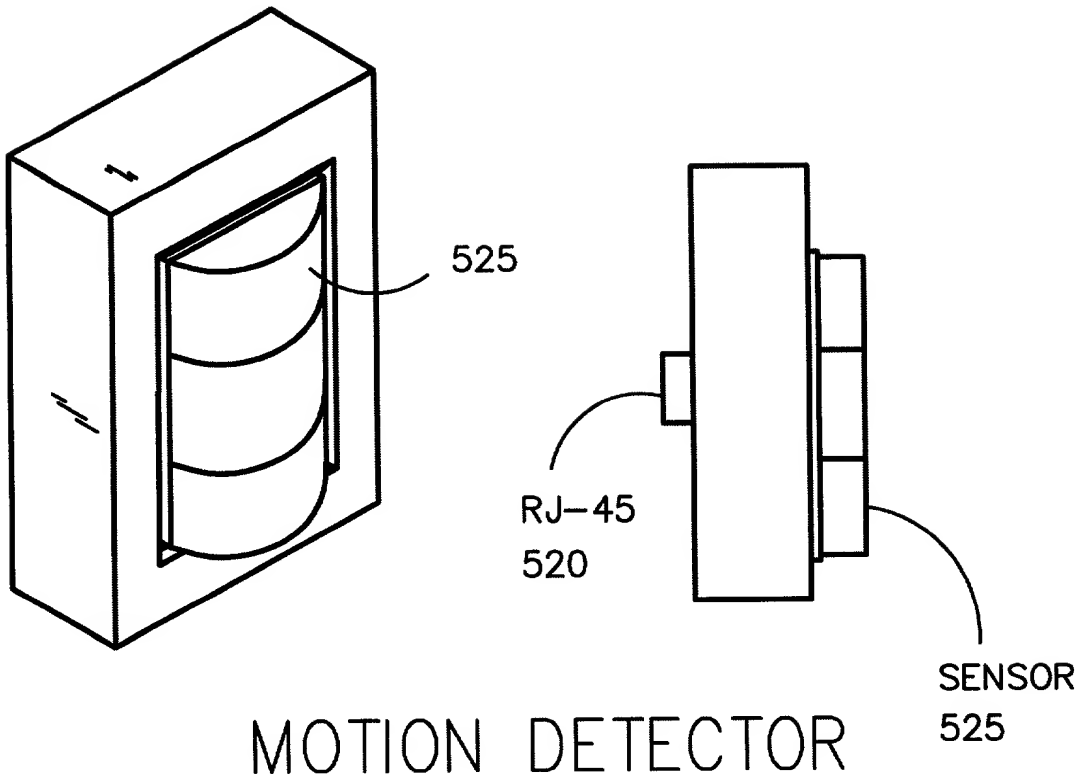


FIG. 11



# MOTION DETECTOR

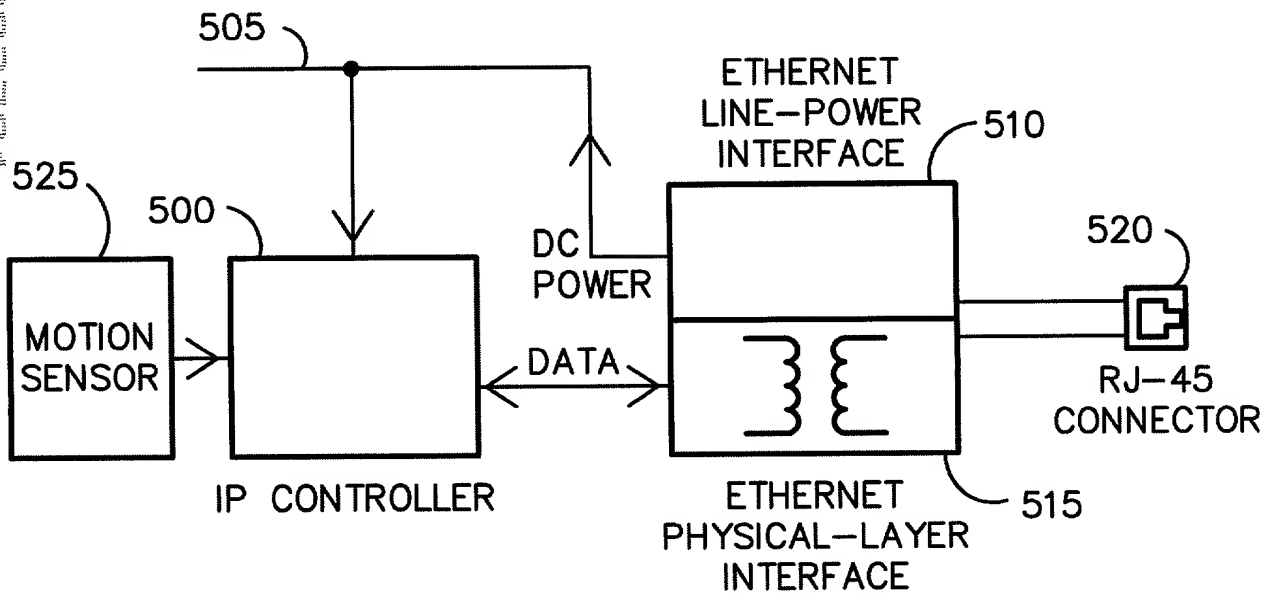


FIG. 12



# MOTION DETECTOR

FIG. 12A

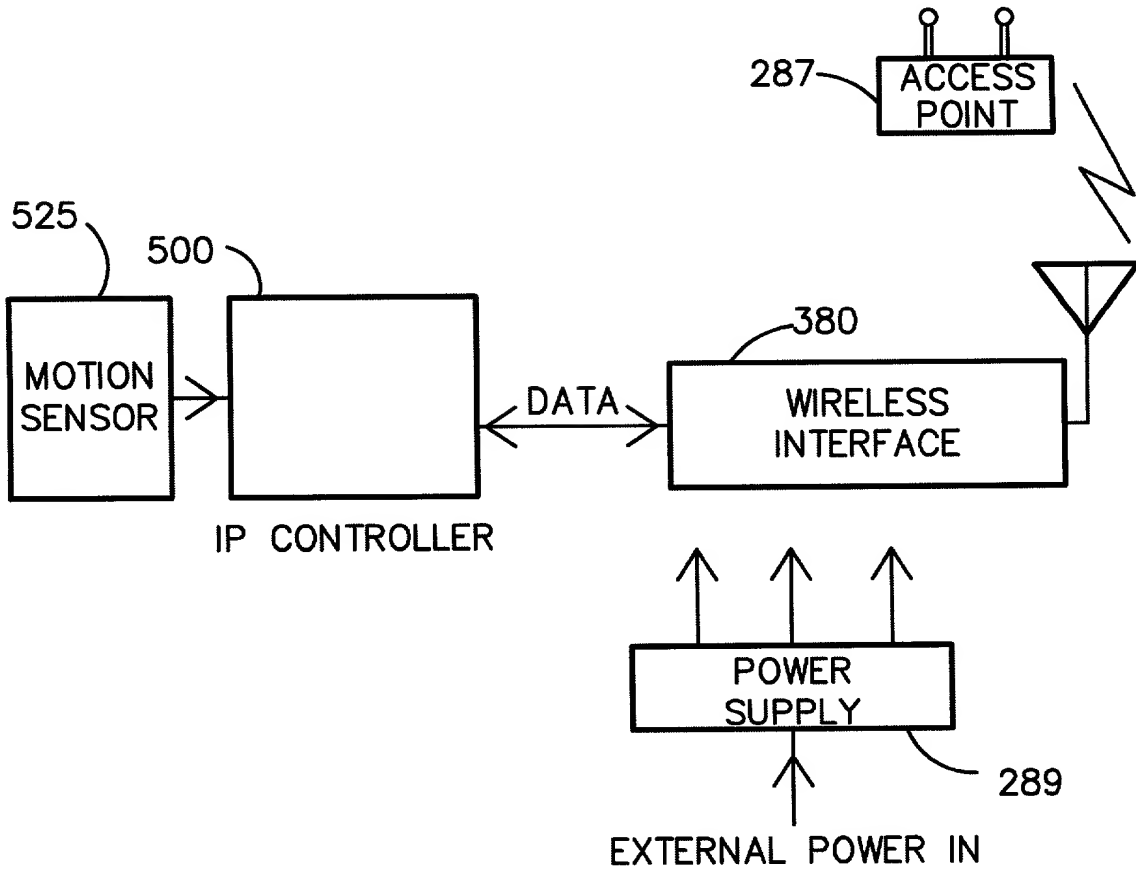
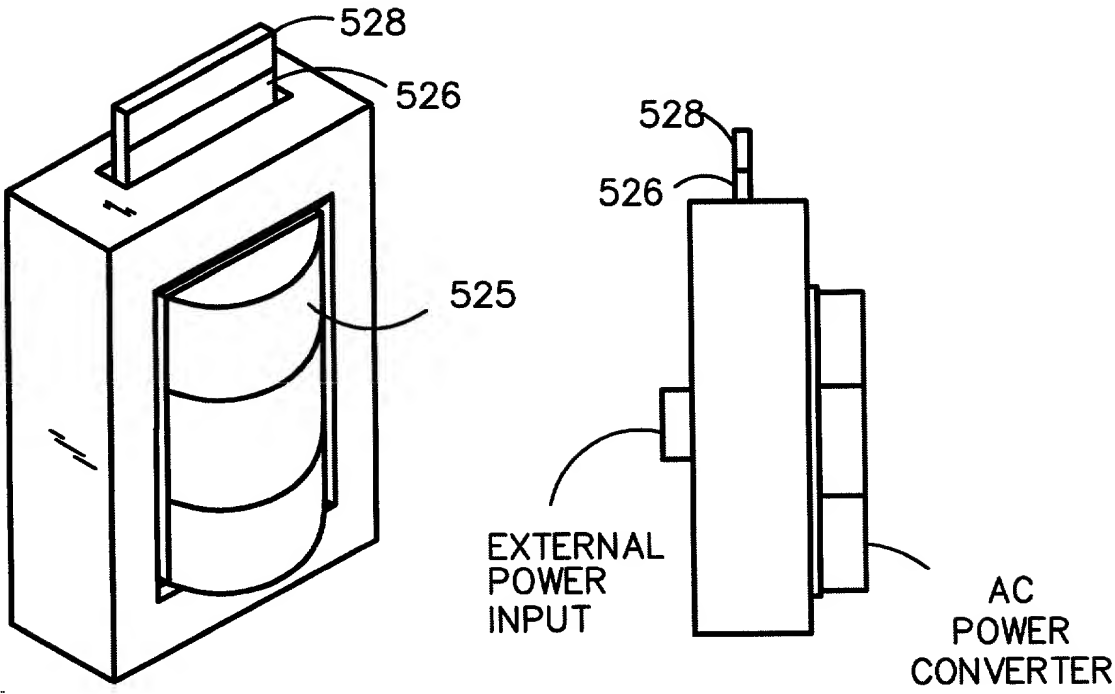
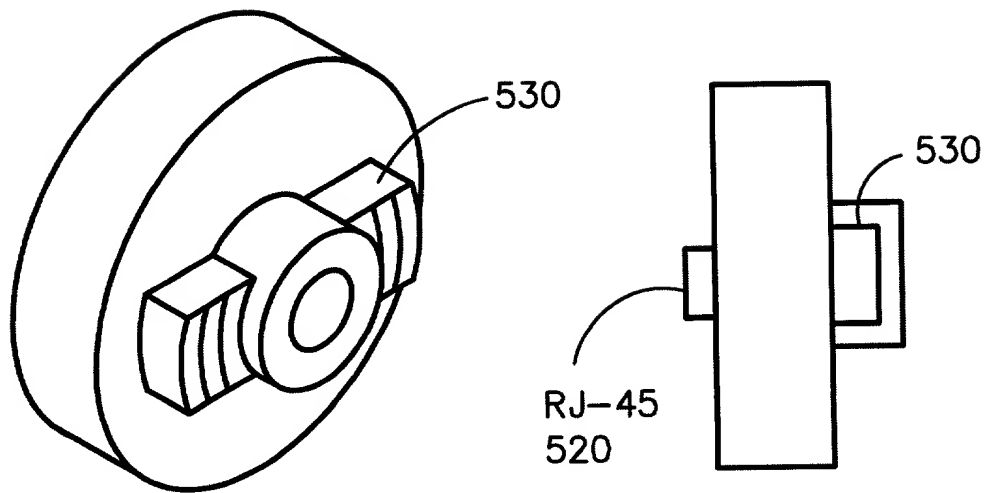


FIG. 12A



# SMOKE DETECTOR OR SMOKE & TEMP DETECTOR

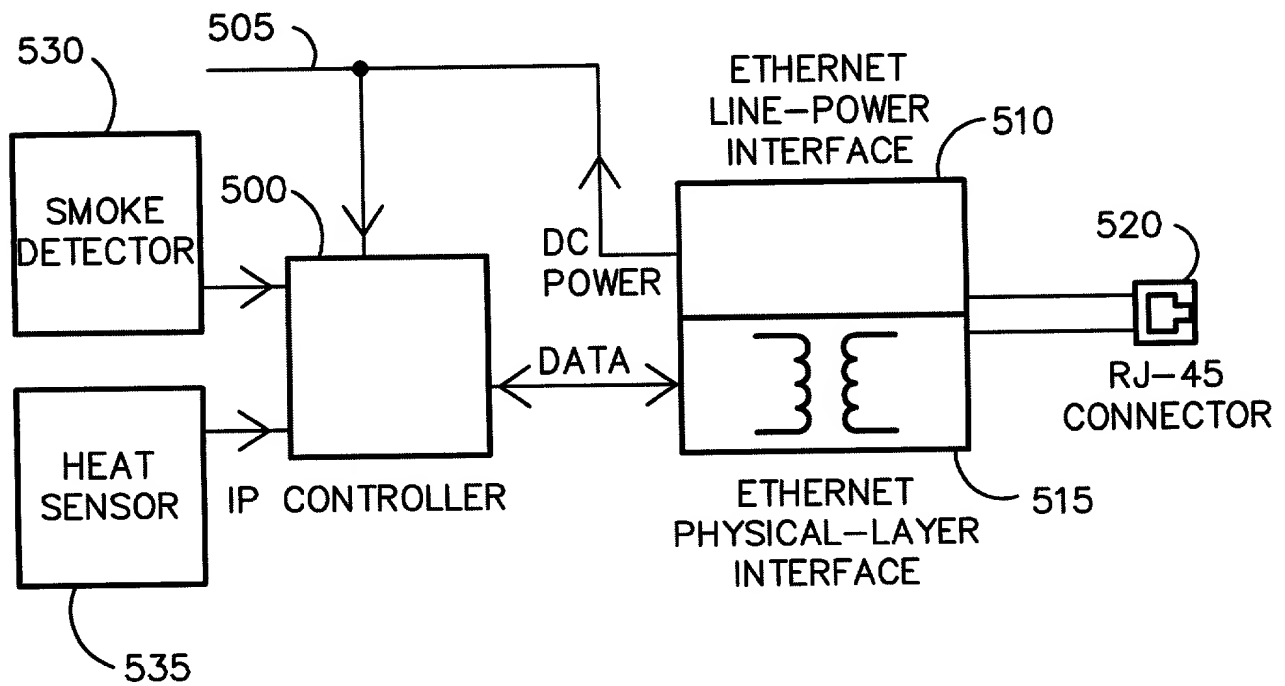
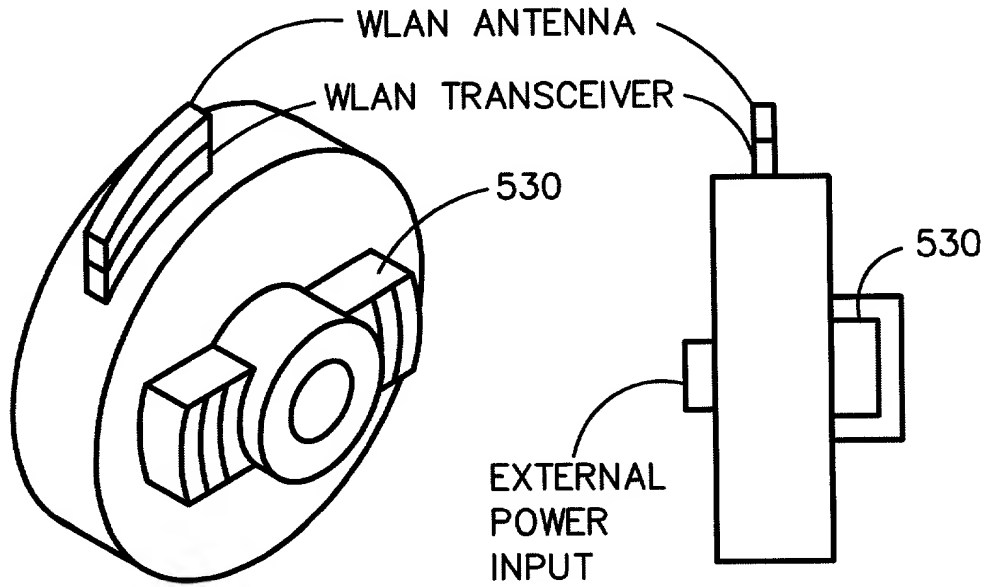


FIG. 13



## SMOKE DETECTOR OR SMOKE & TEMP DETECTOR

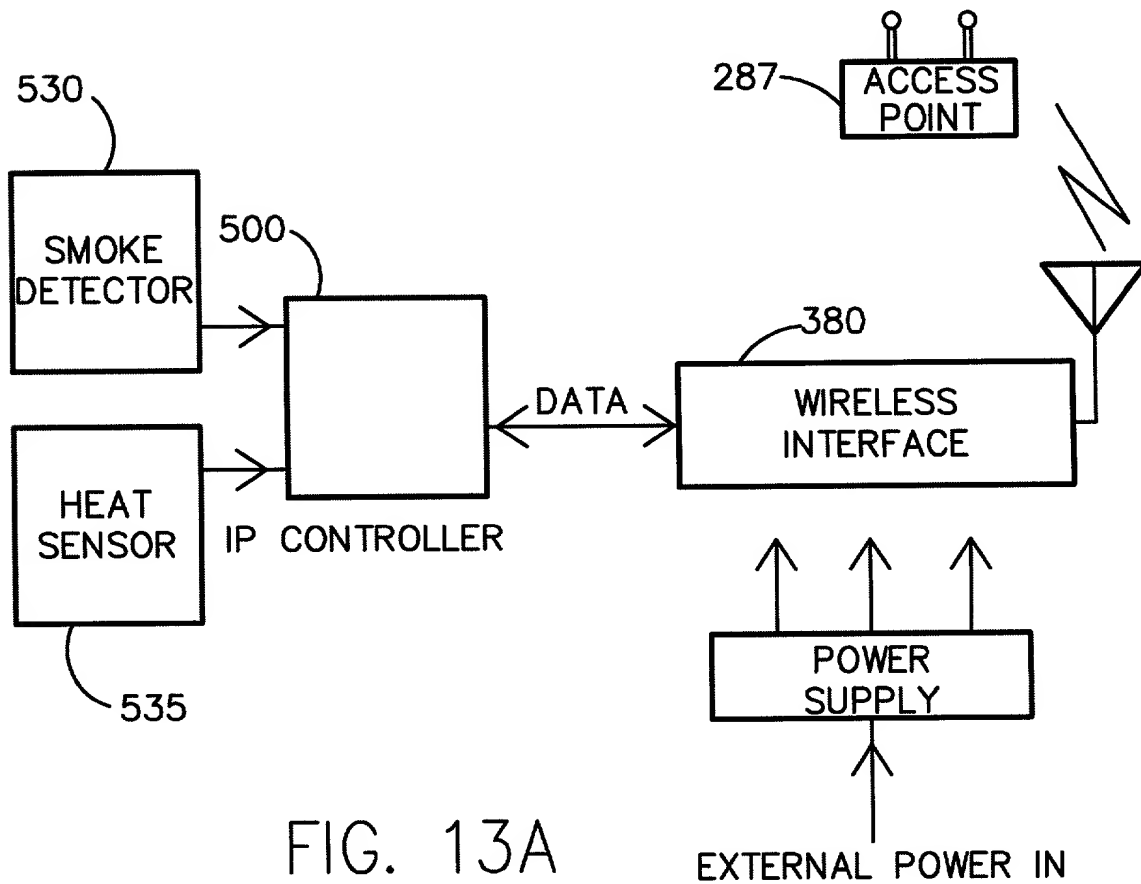
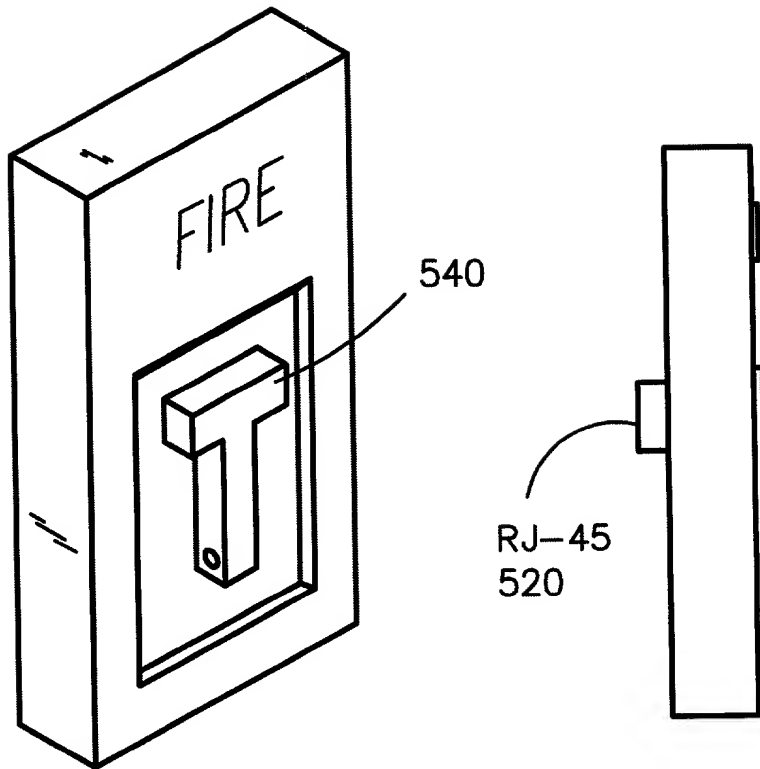


FIG. 13A



PULL HANDLE

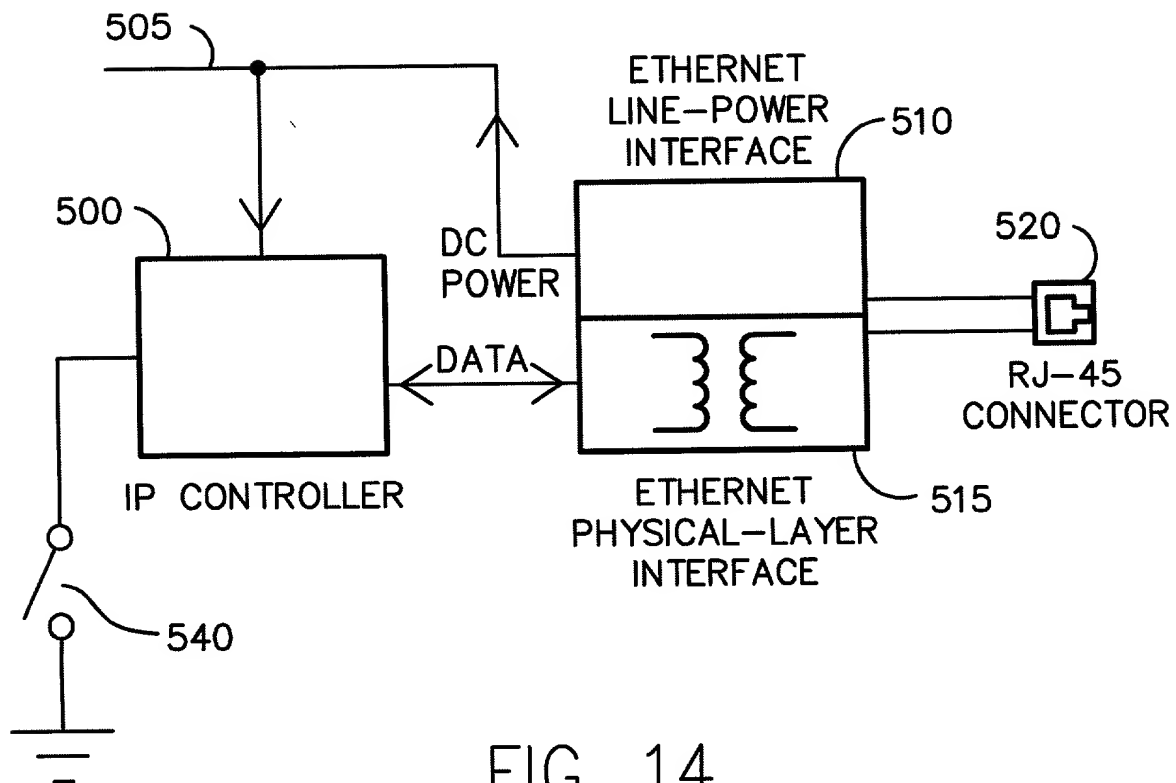
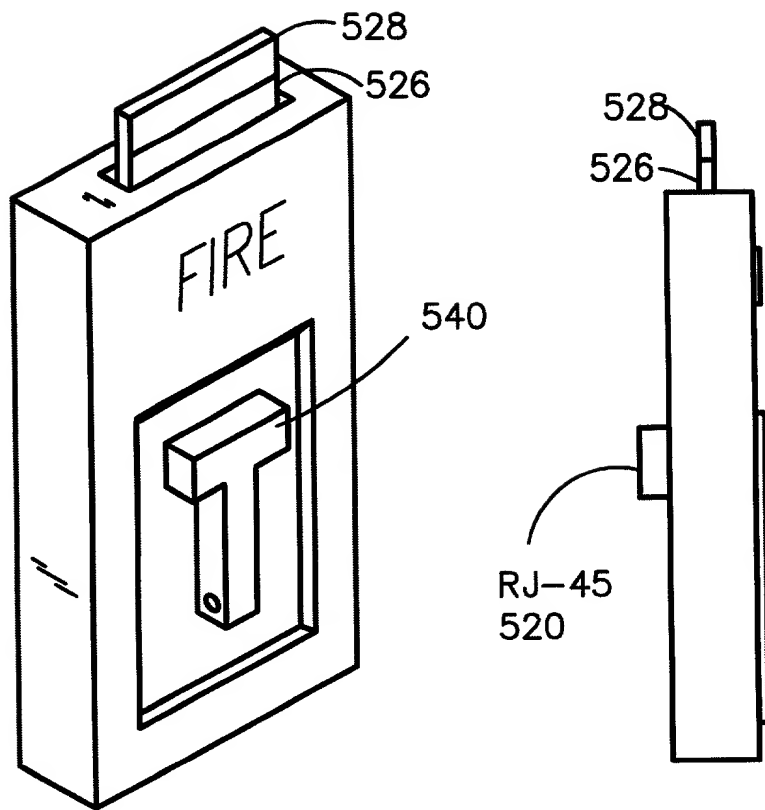


FIG. 14



PULL HANDLE

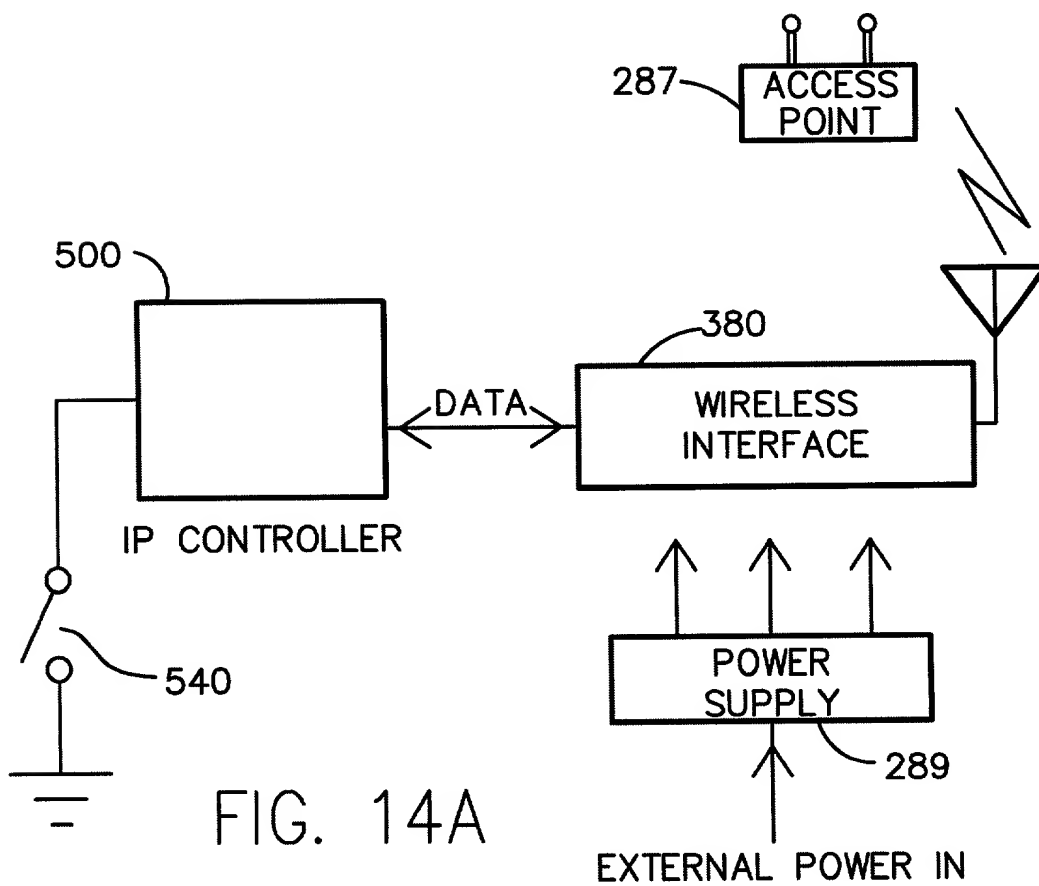
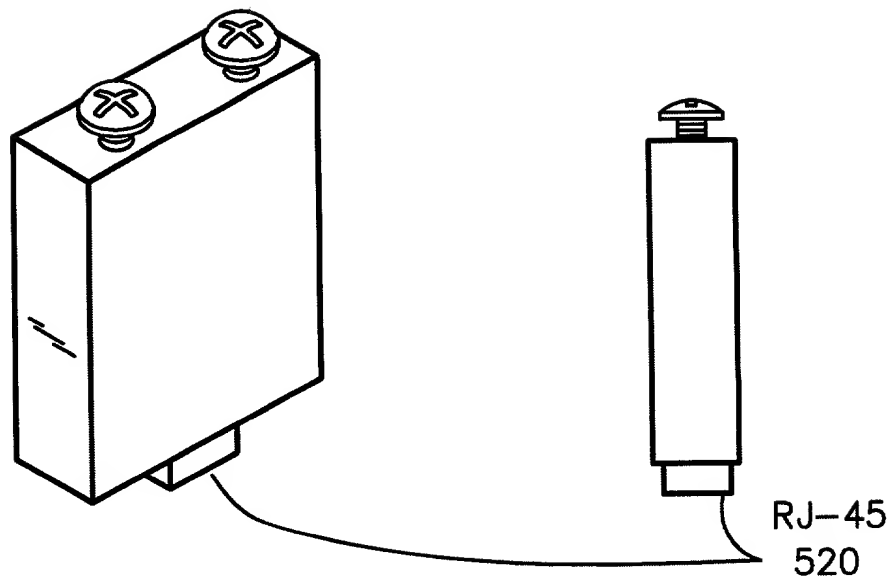
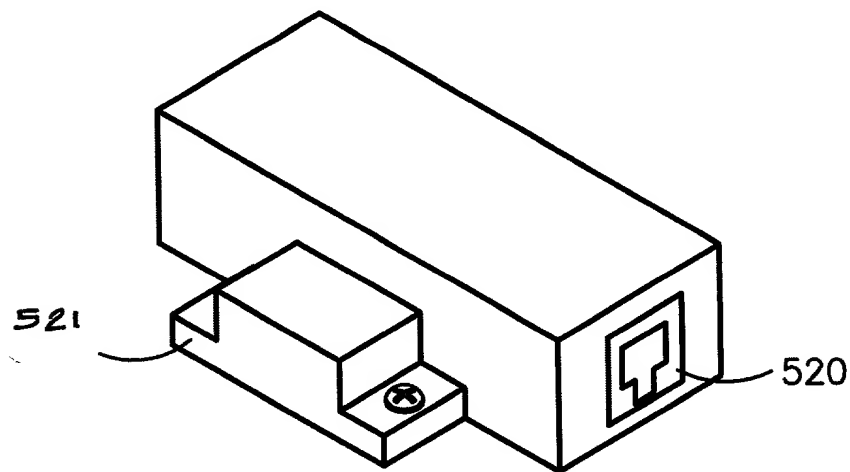


FIG. 14A

FIG. 15



EXTERNAL CONTACT INTERFACE



INTERNAL CONTACT INTERFACE

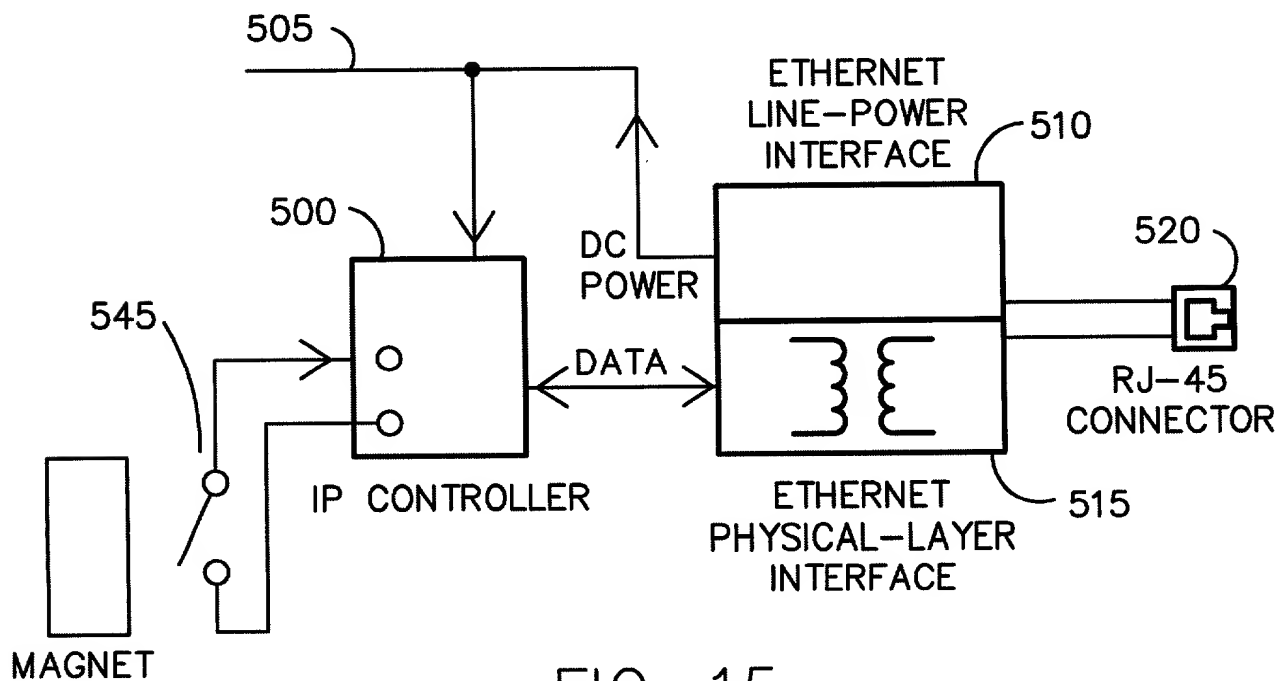
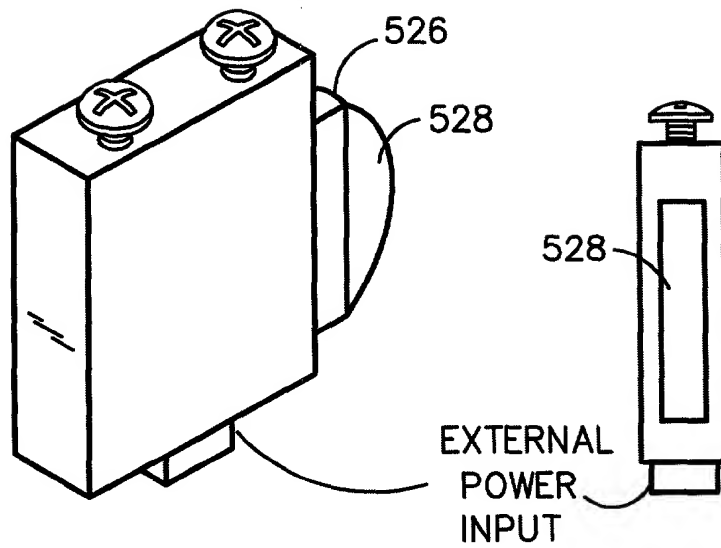
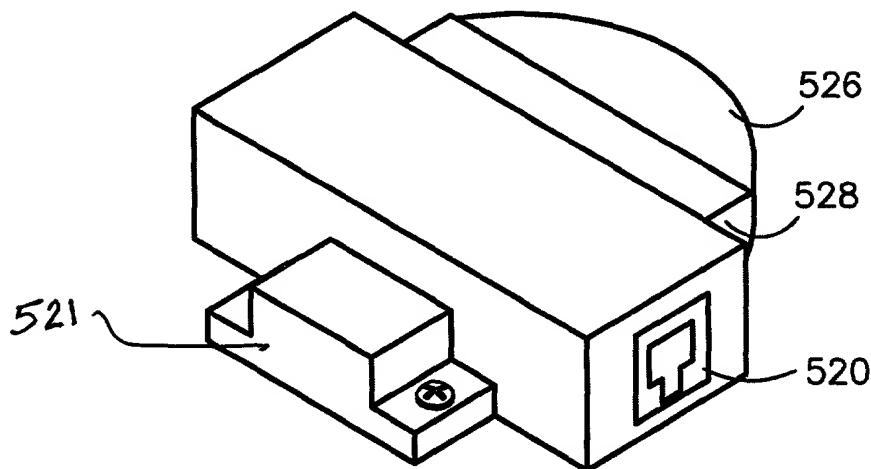


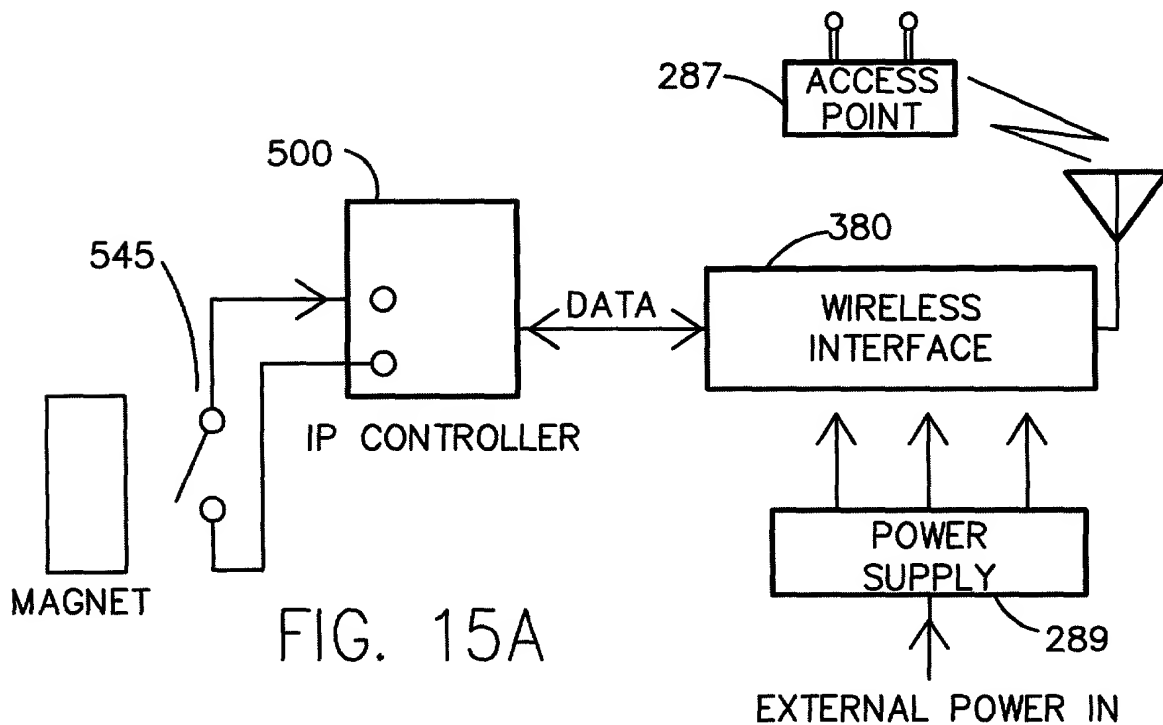
FIG. 15

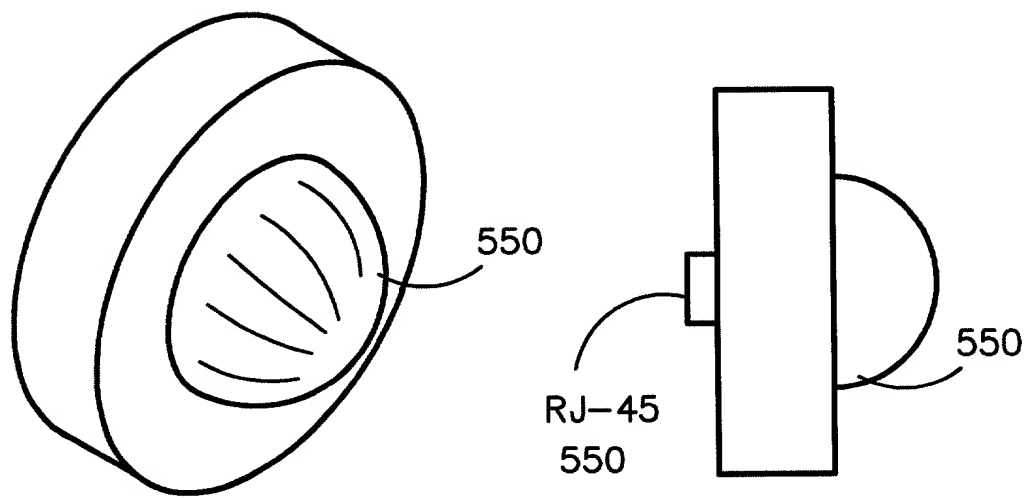


## EXTERNAL CONTACT INTERFACE



## INTERNAL CONTACT INTERFACE





HEAT SENSOR

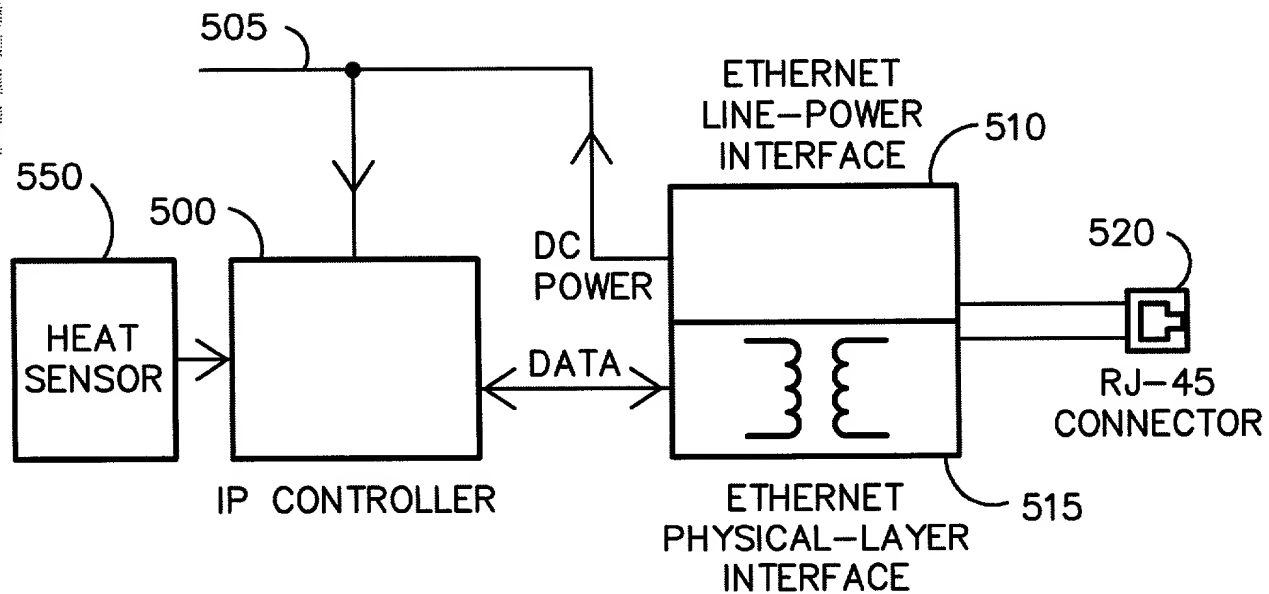
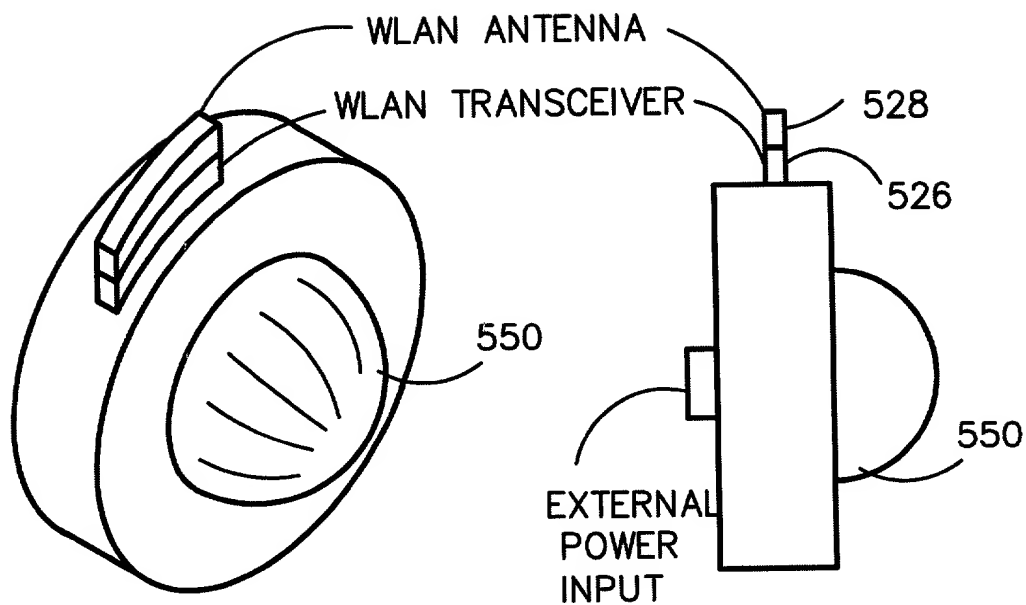


FIG. 16





## HEAT SENSOR

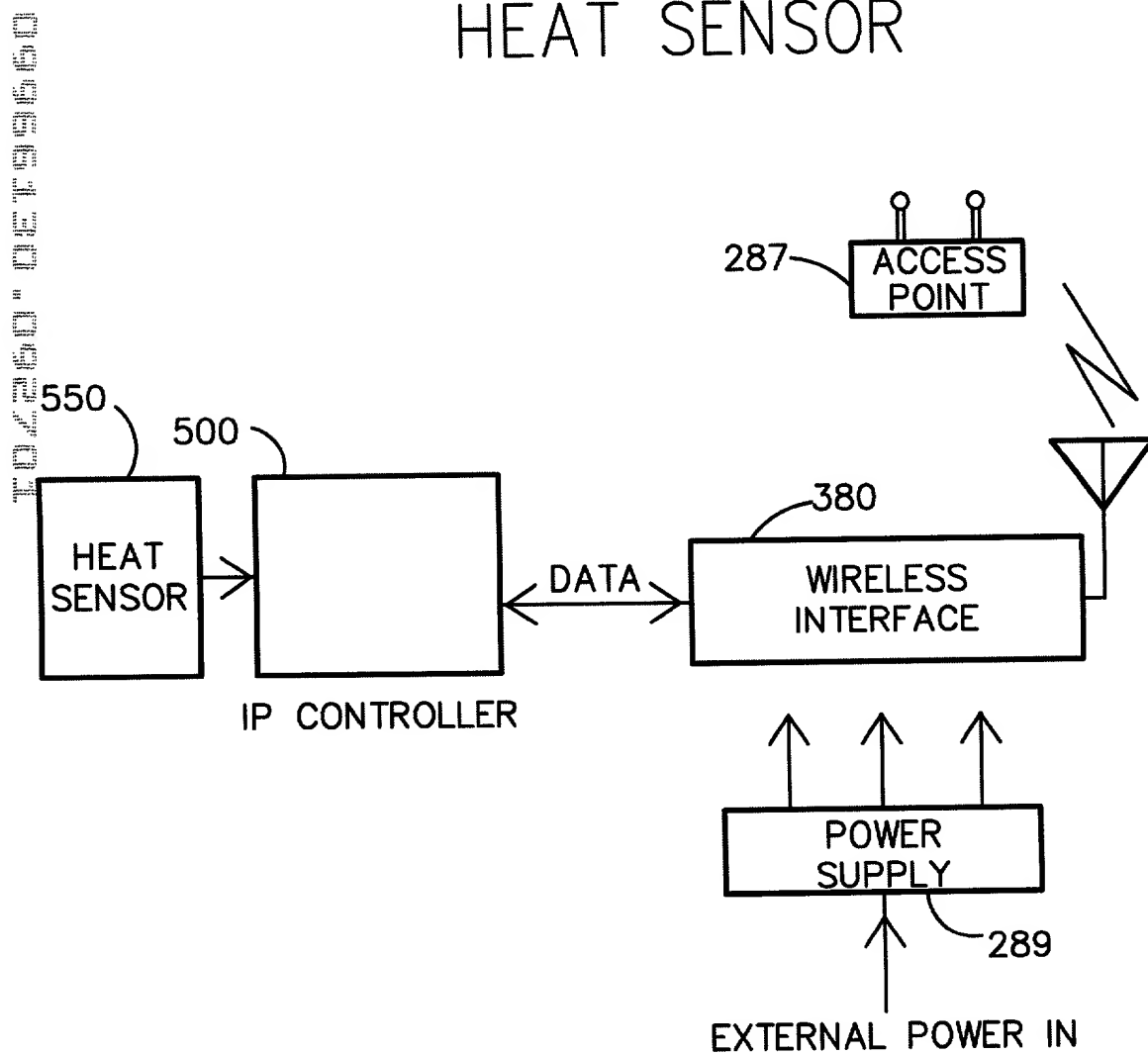
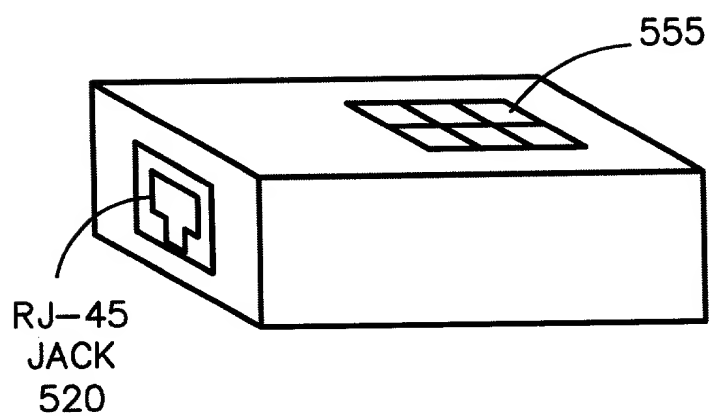


FIG. 16A

+



GLASS BREAK

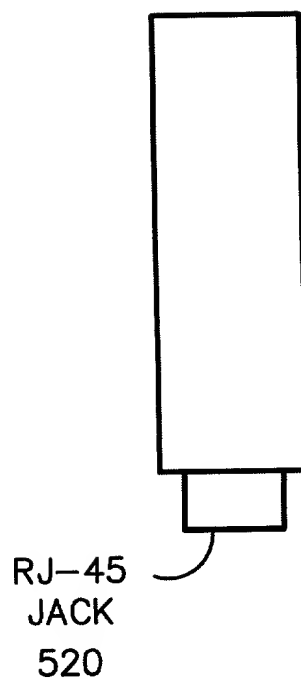


FIG. 17

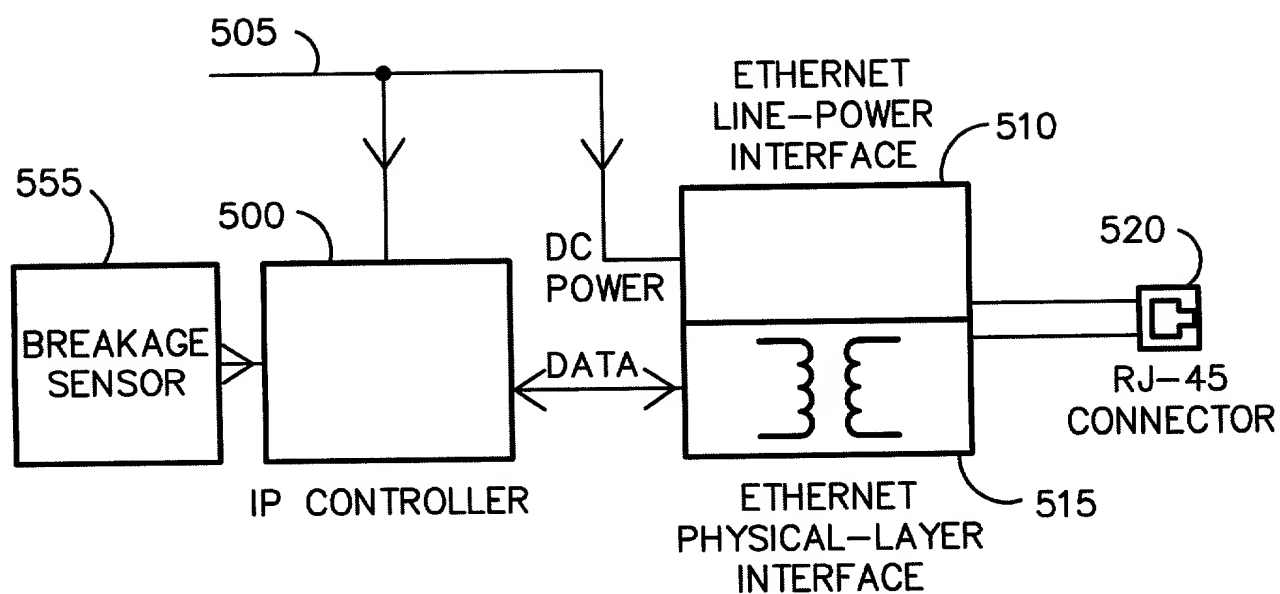
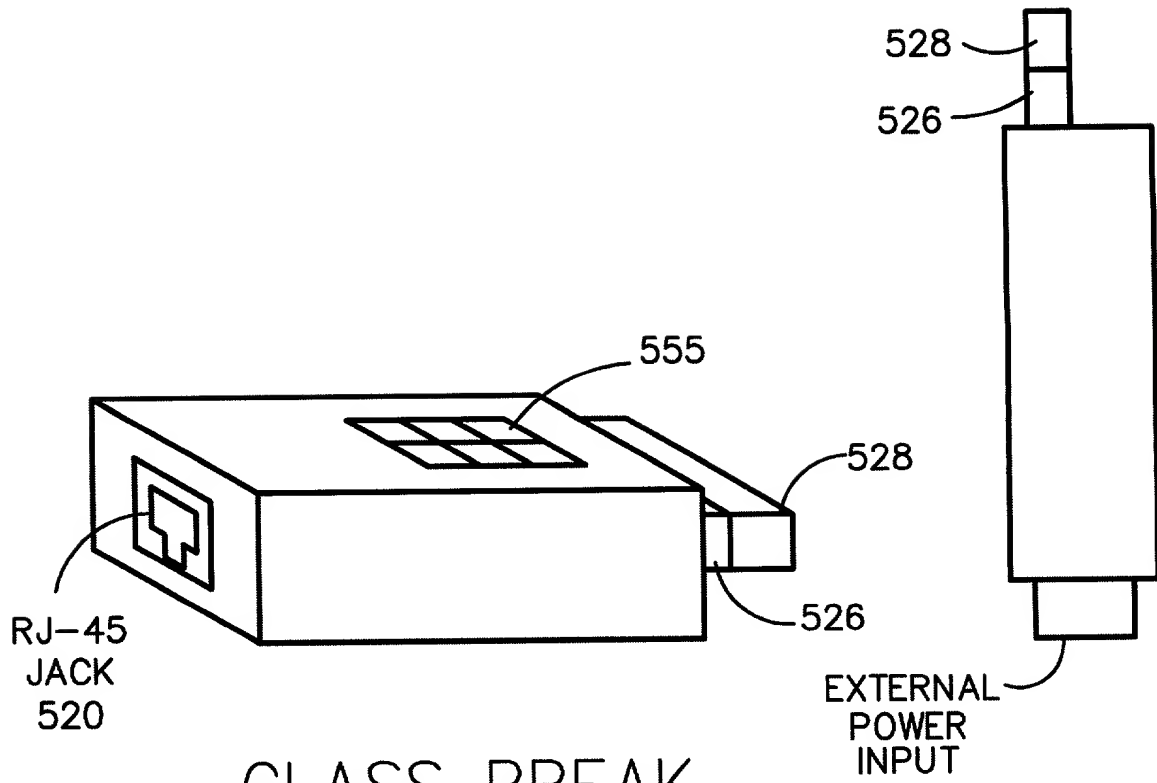


FIG. 17

+



## GLASS BREAK

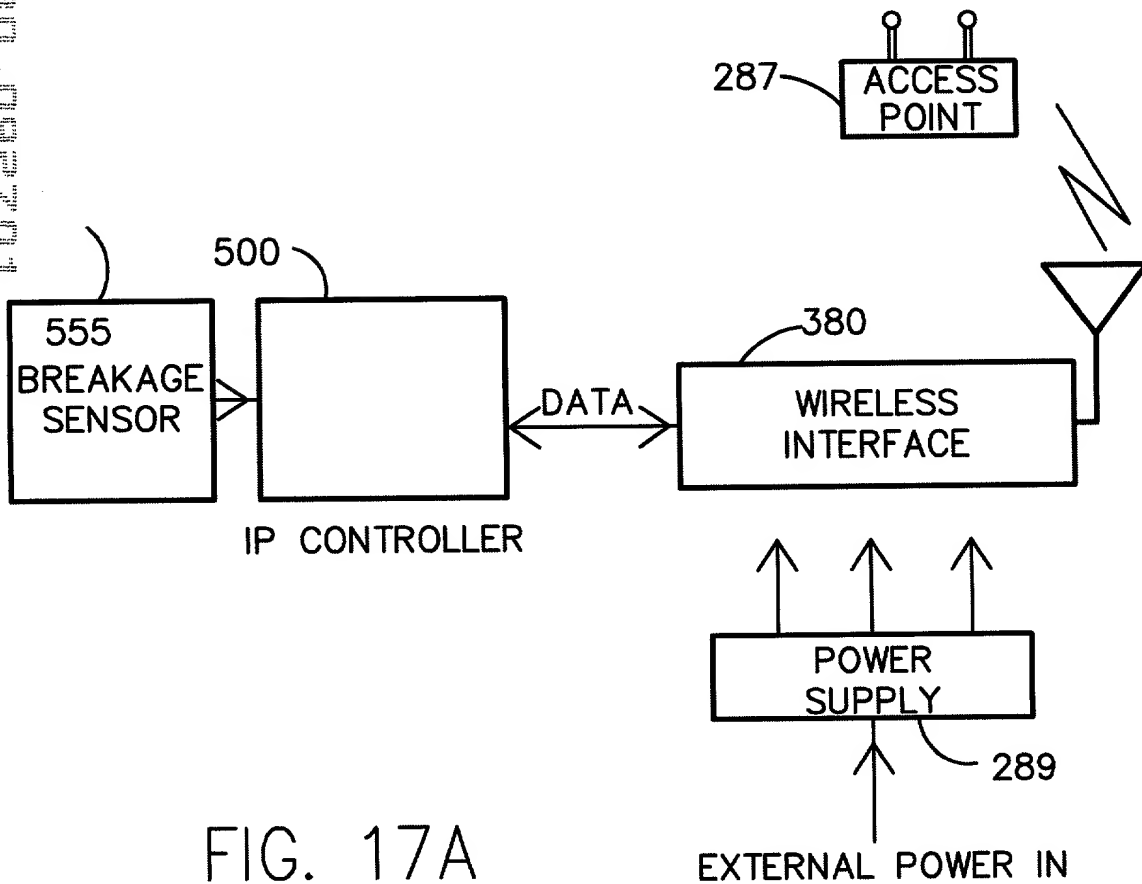
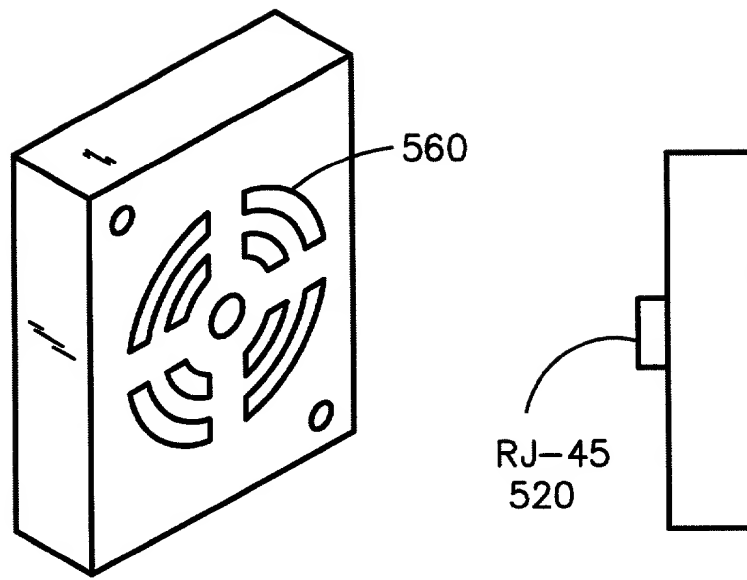


FIG. 17A



SIREN

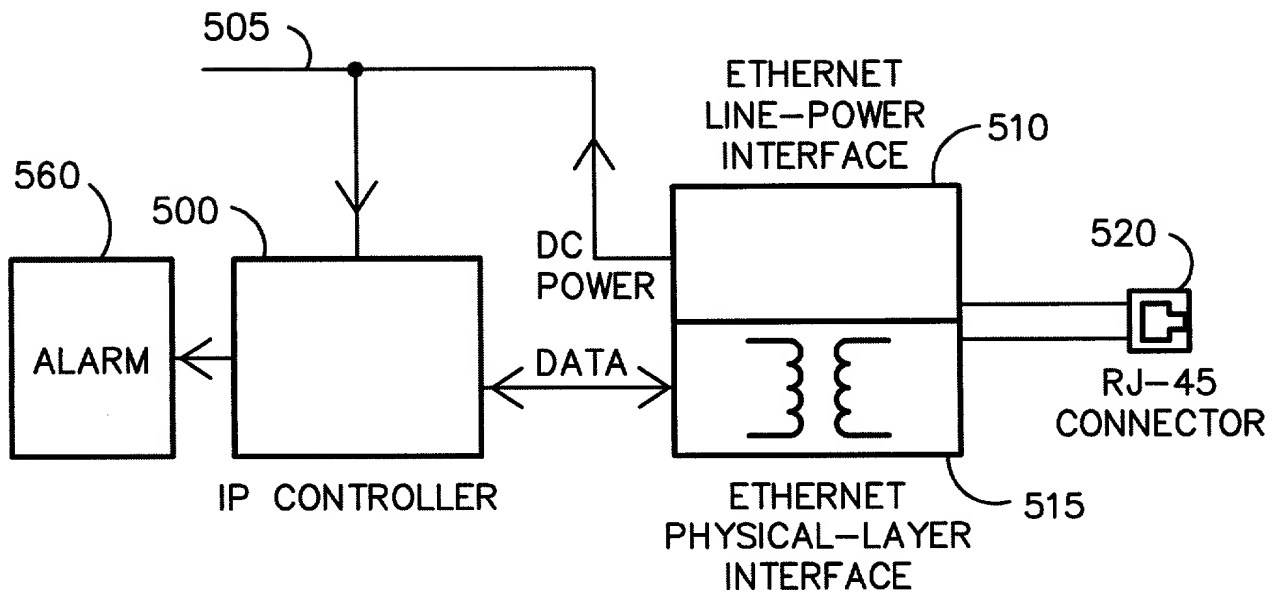
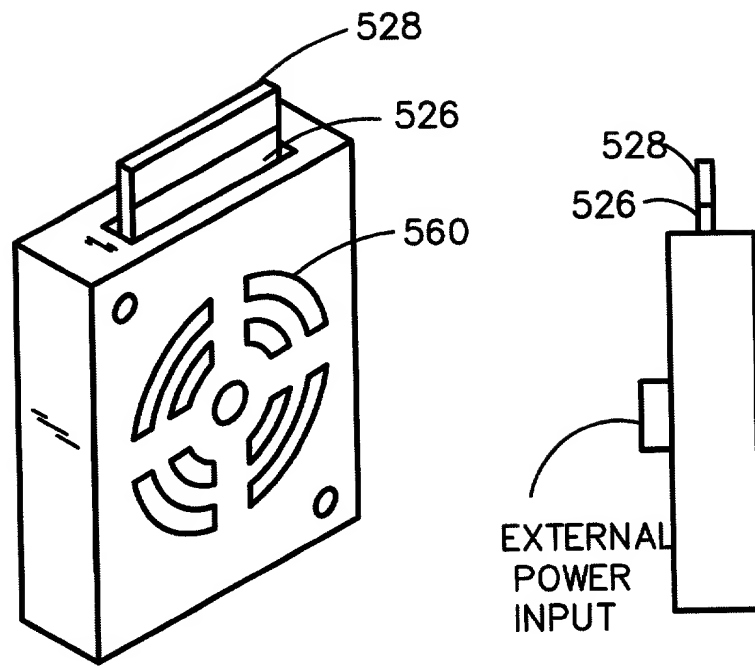


FIG. 18

+



SIREN

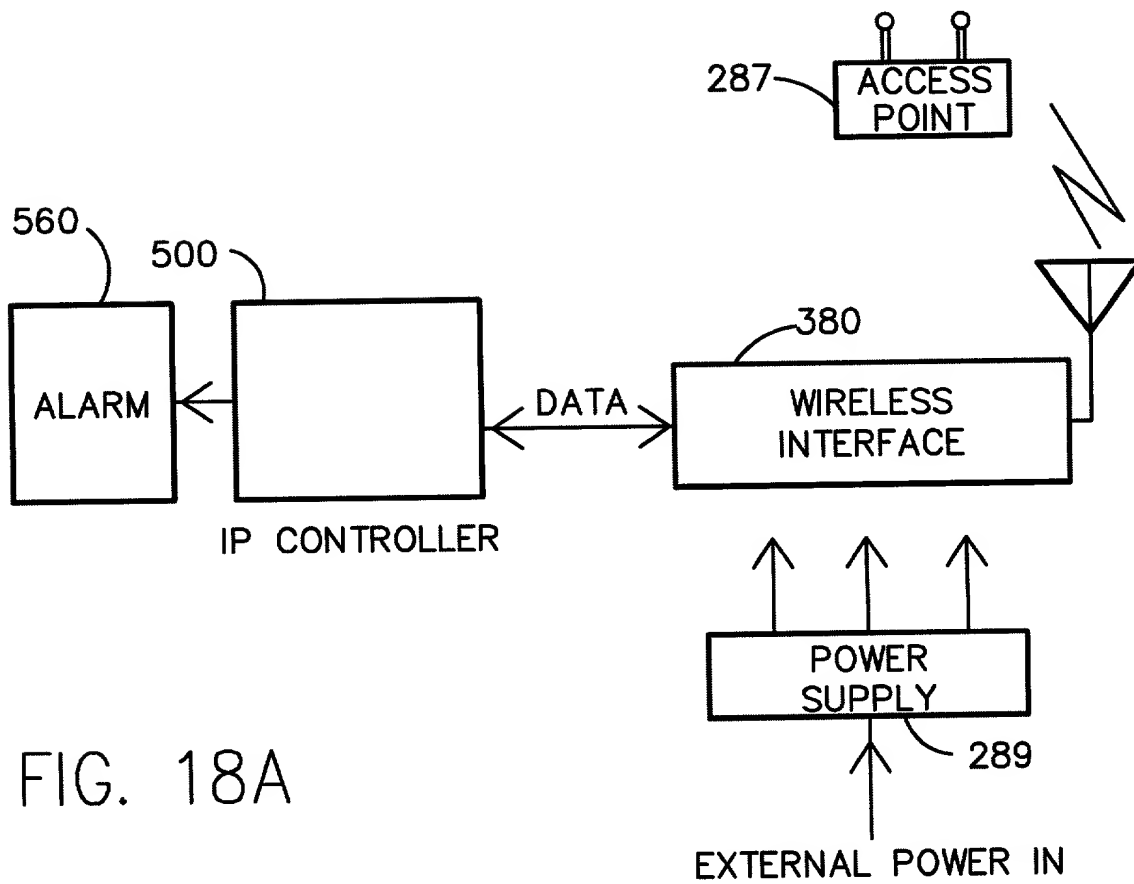


FIG. 18A

+

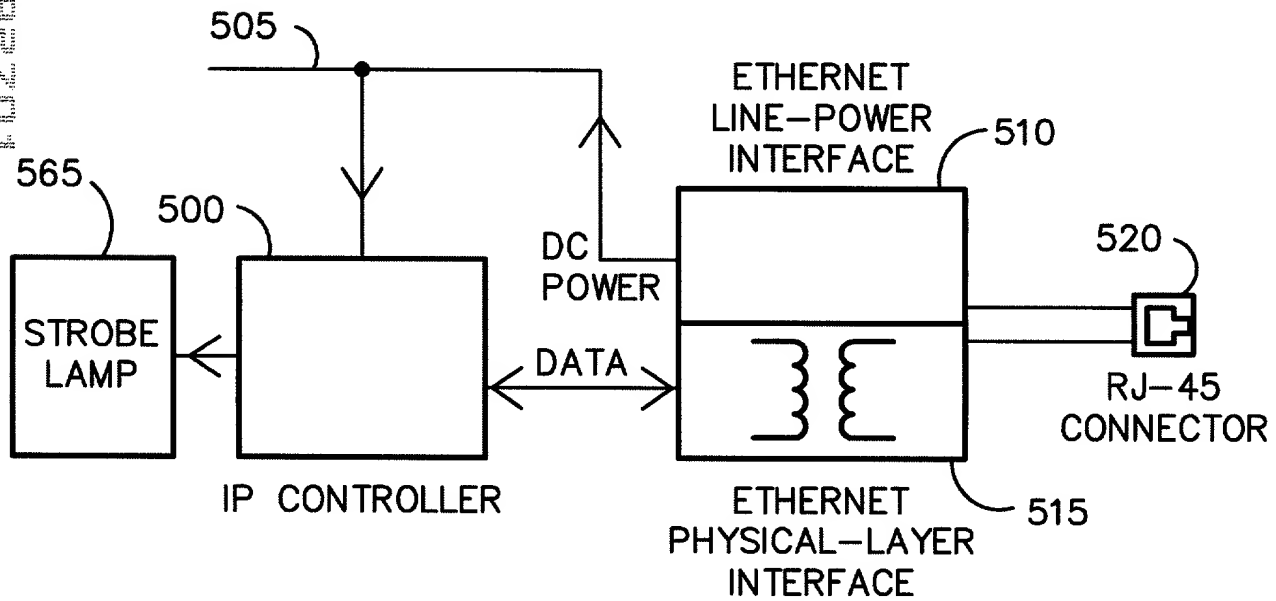
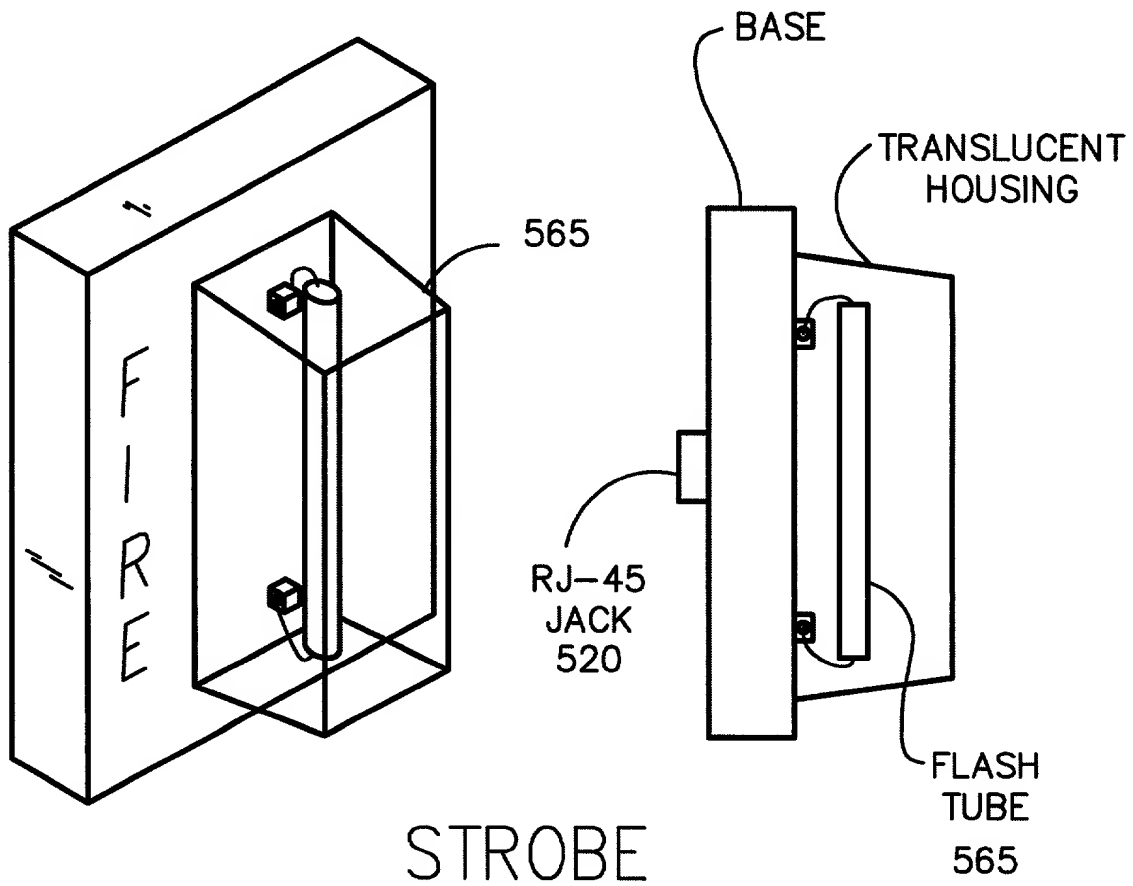


FIG. 19

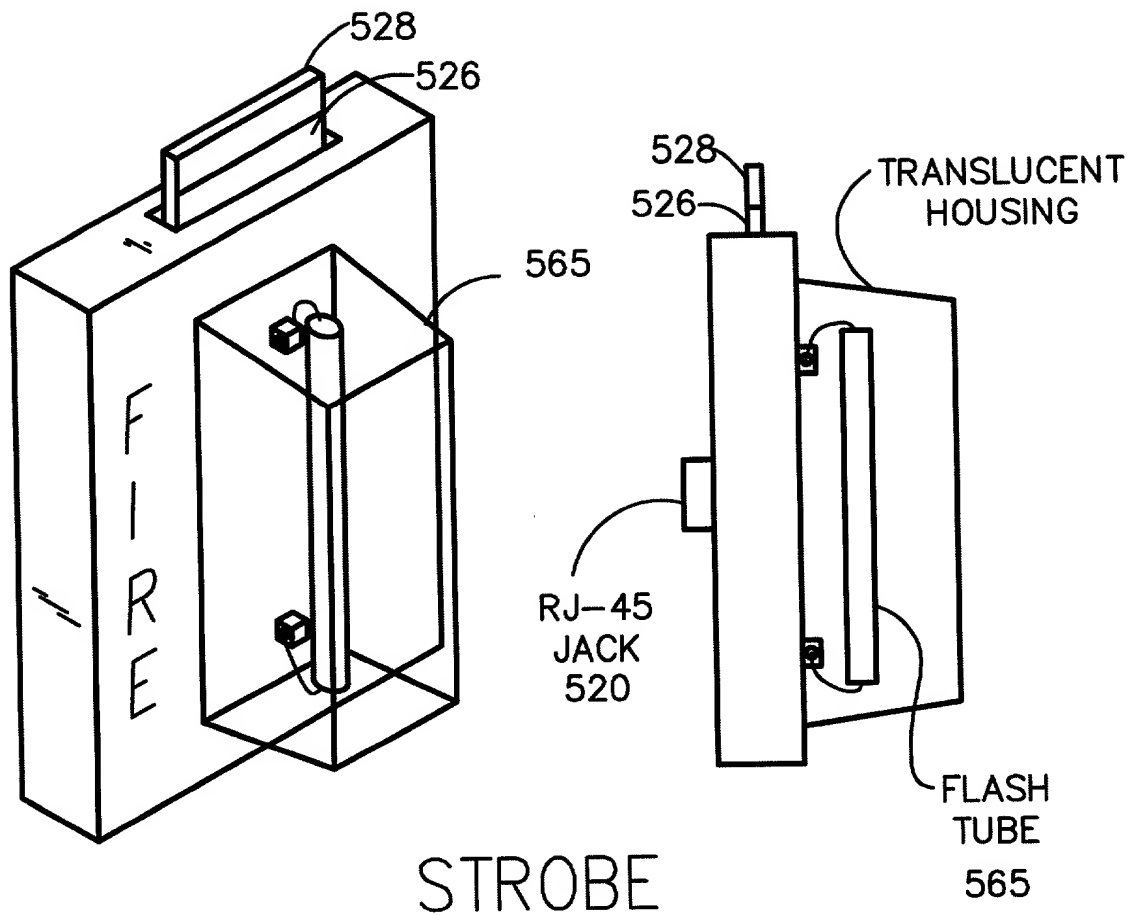
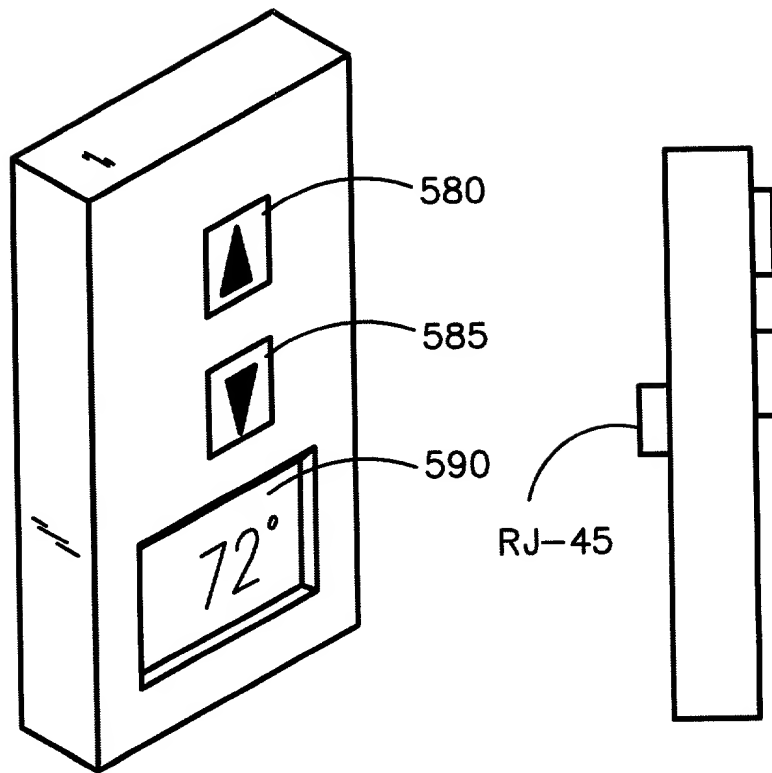


FIG. 19A

+



# THERMOSTAT AND/OR HUMIDISTAT

FIG. 20

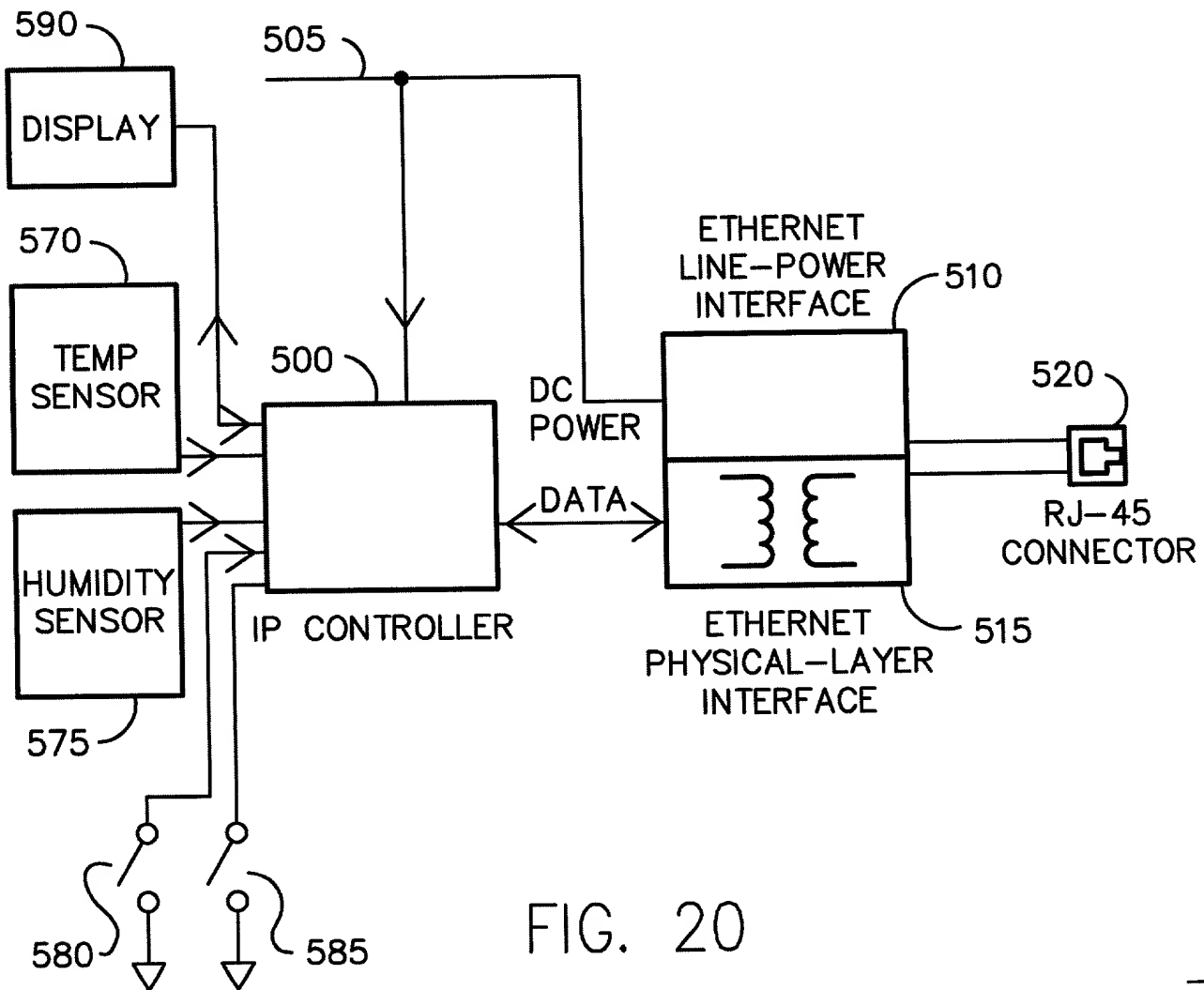
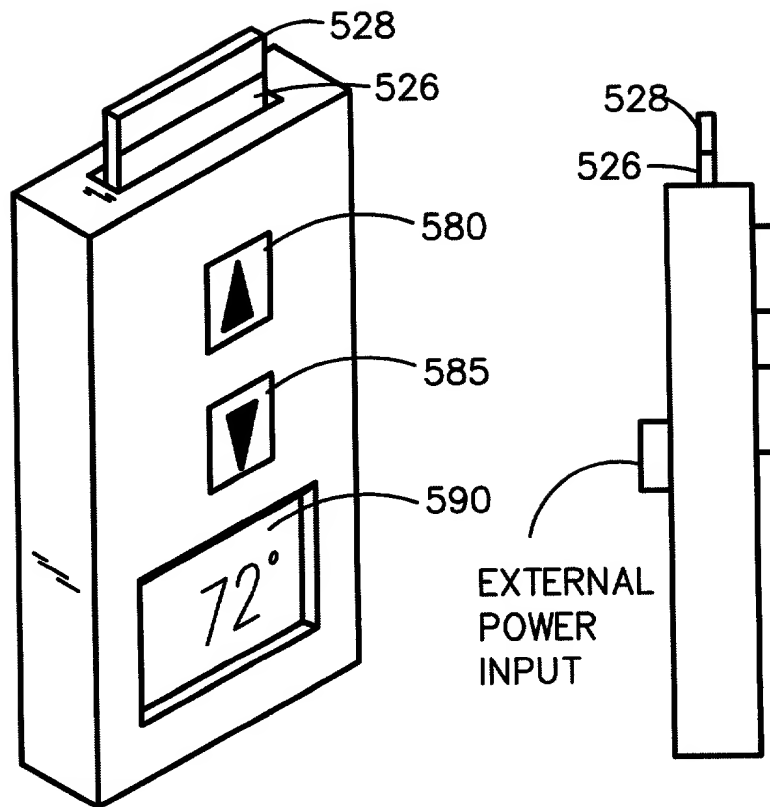


FIG. 20

+





# THERMOSTAT AND/OR HUMIDISTAT

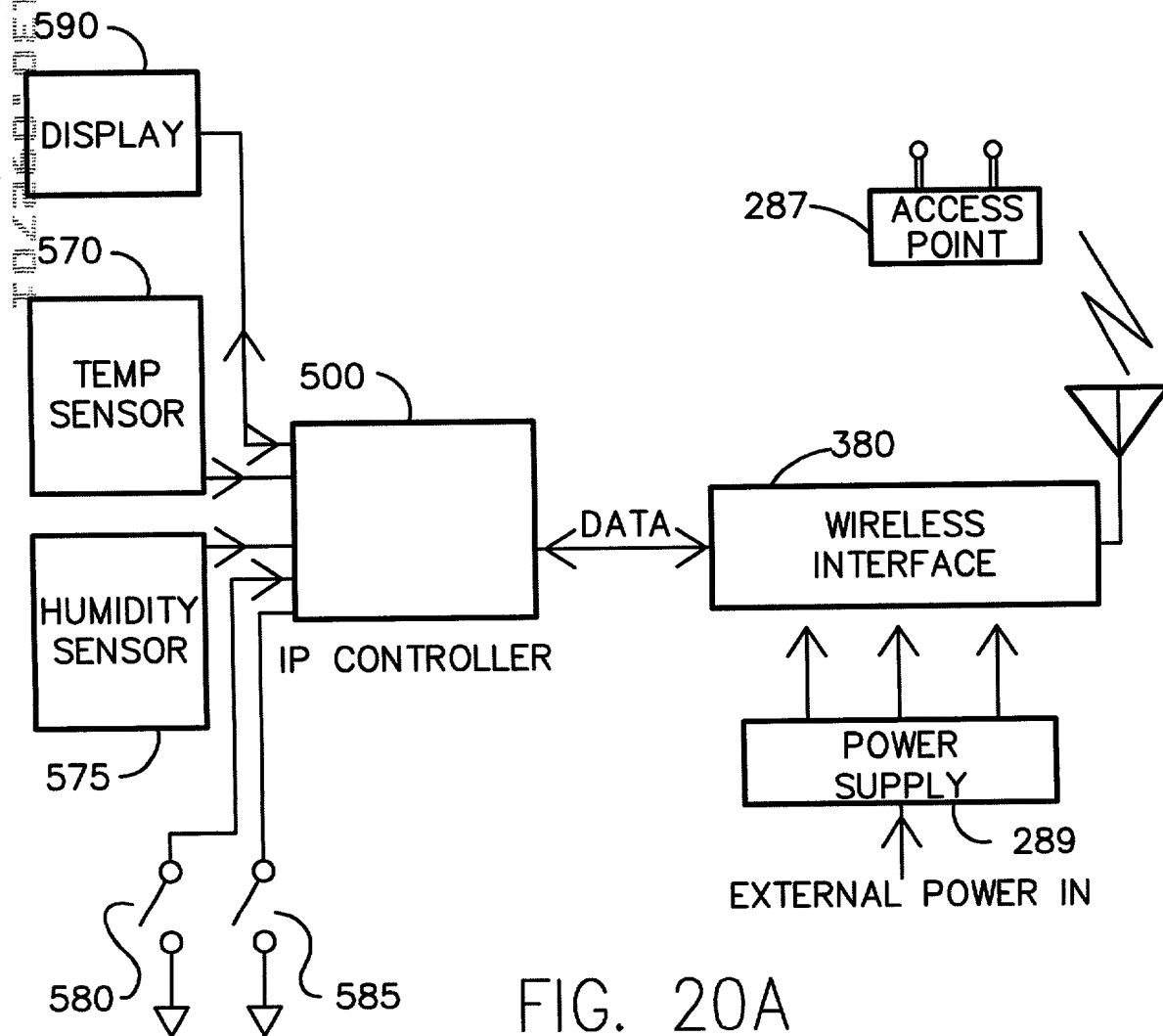
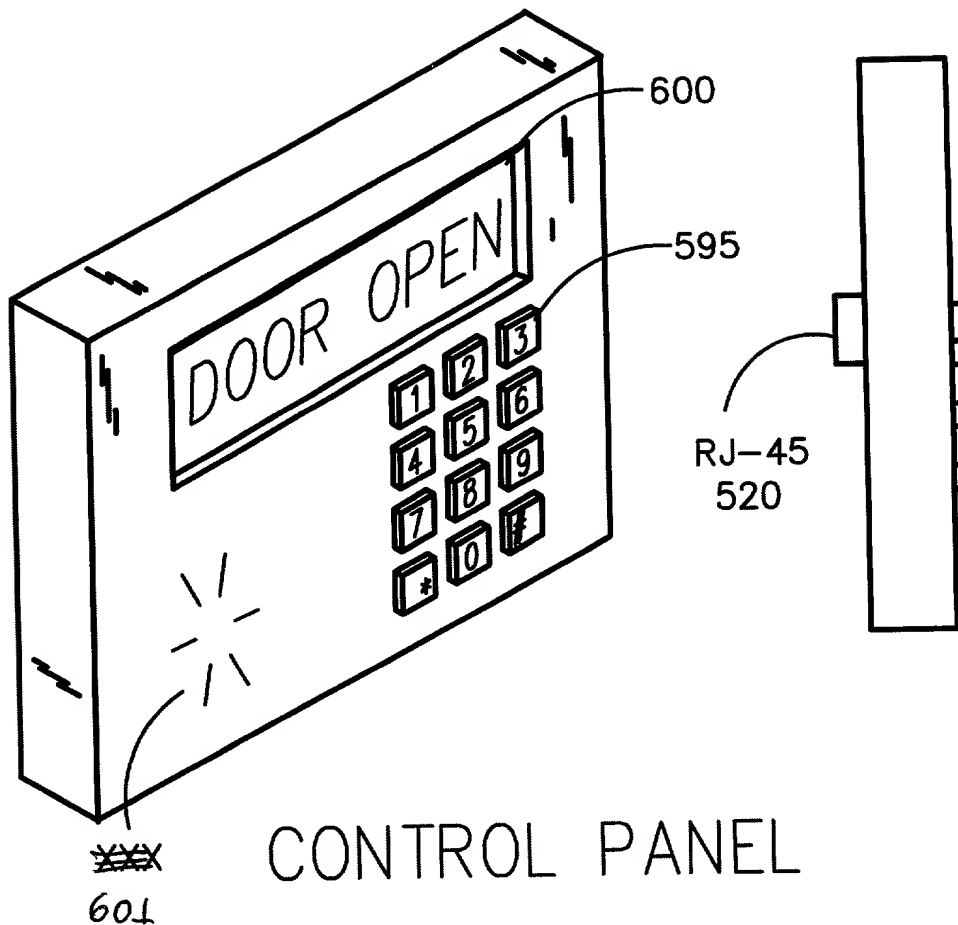


FIG. 20A

20250109103630



CONTROL PANEL

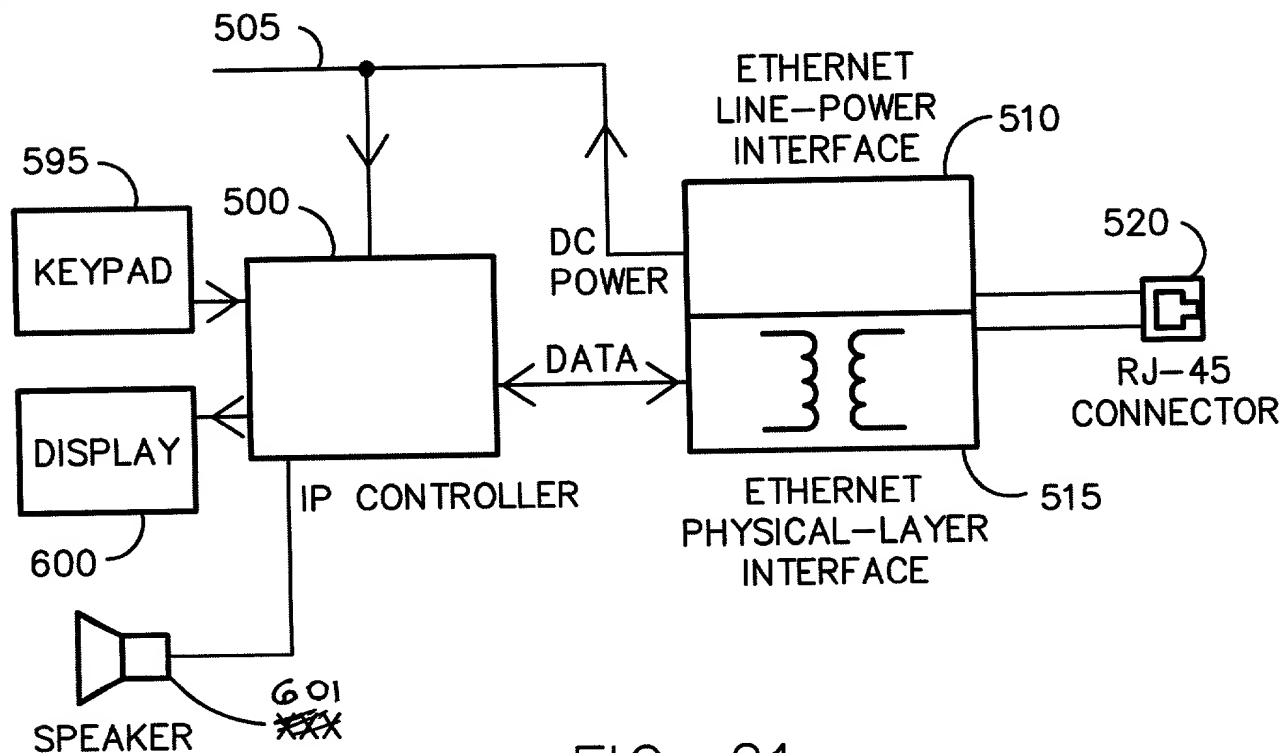


FIG. 21

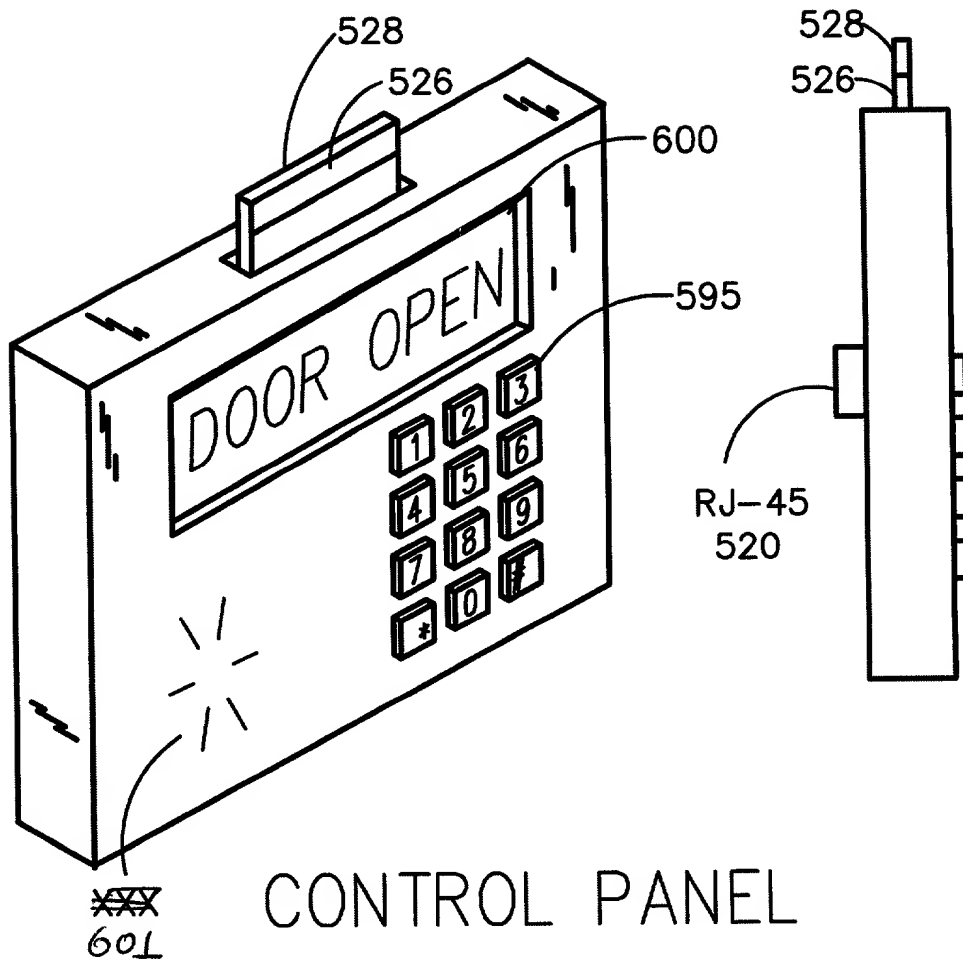


FIG. 21A

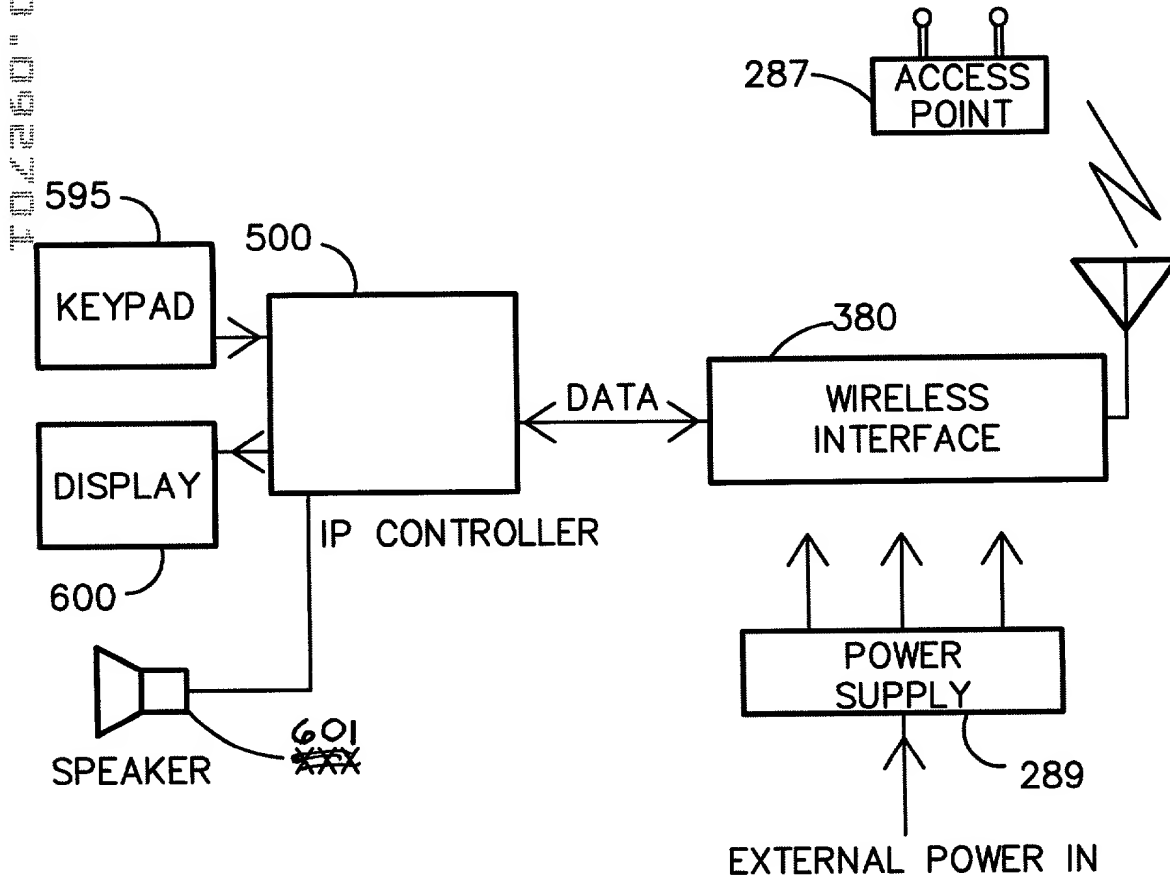


FIG. 21A

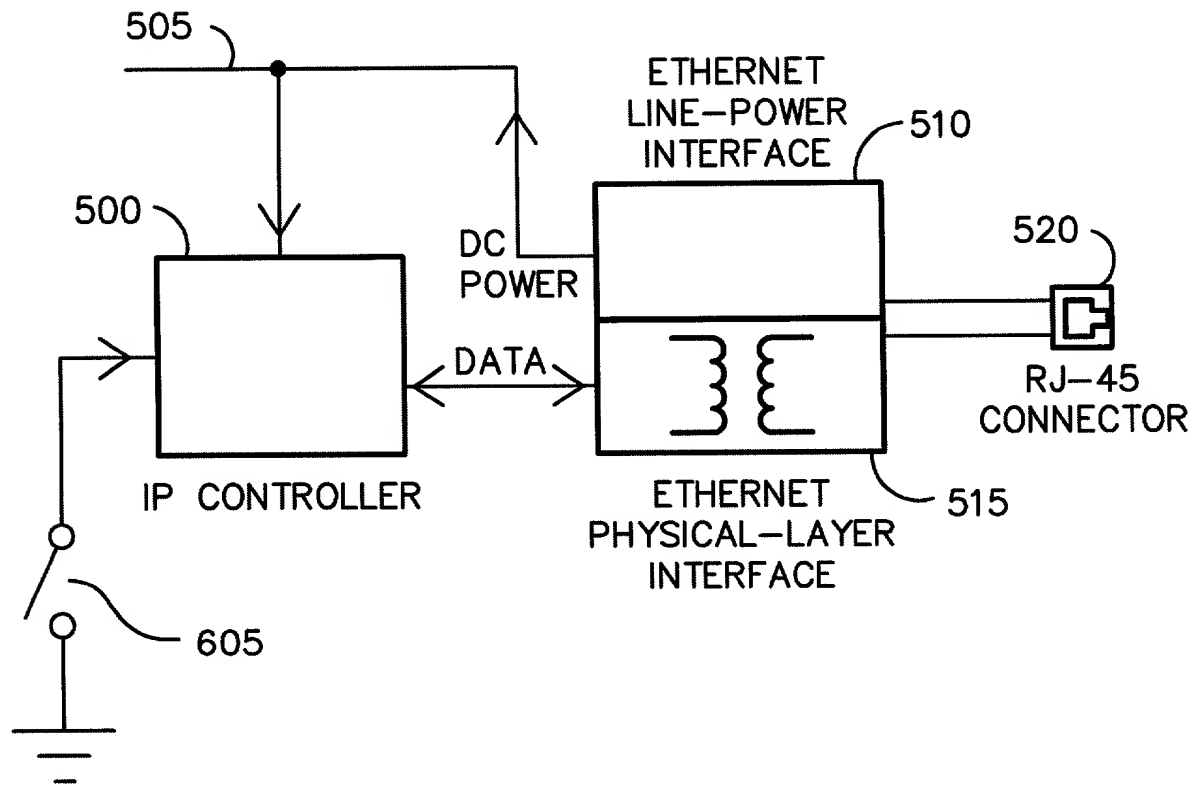
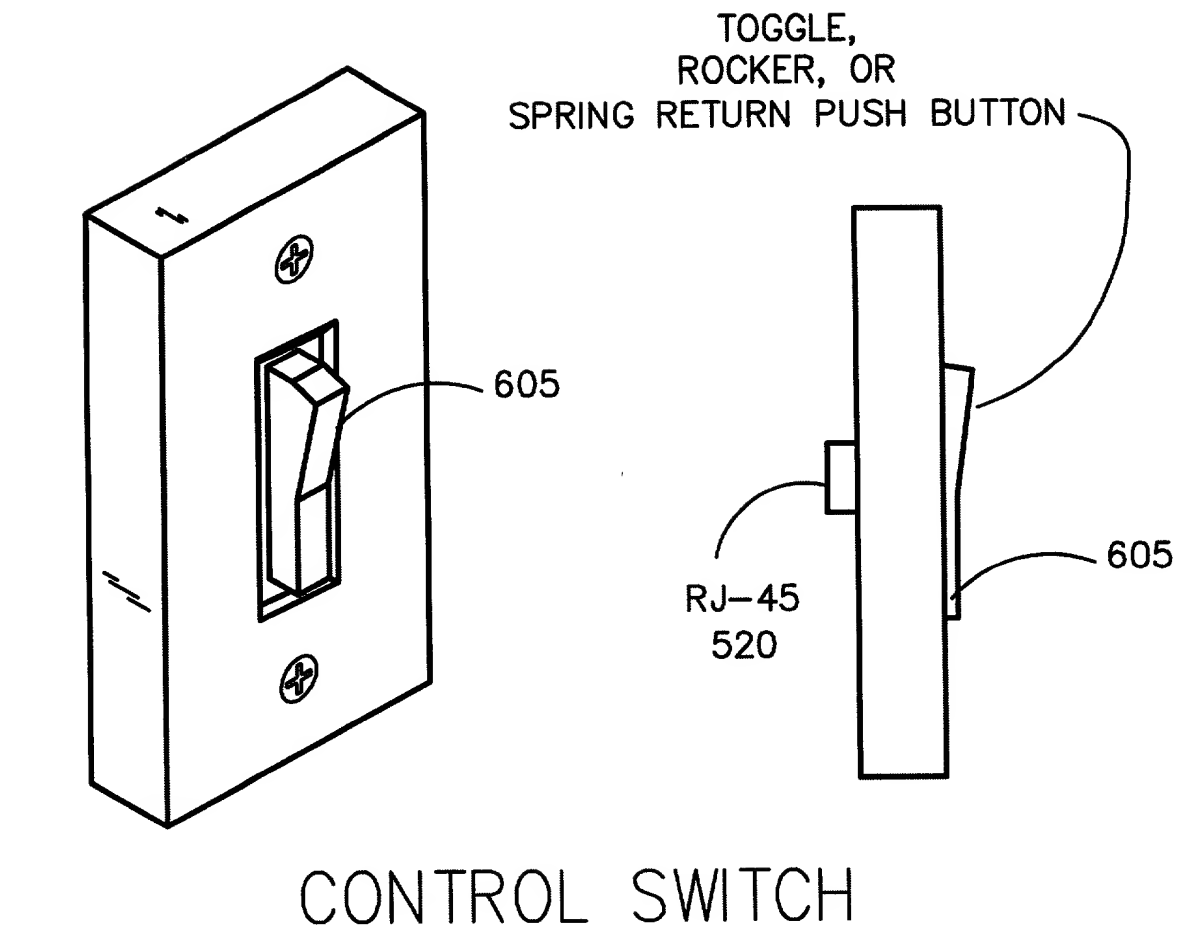
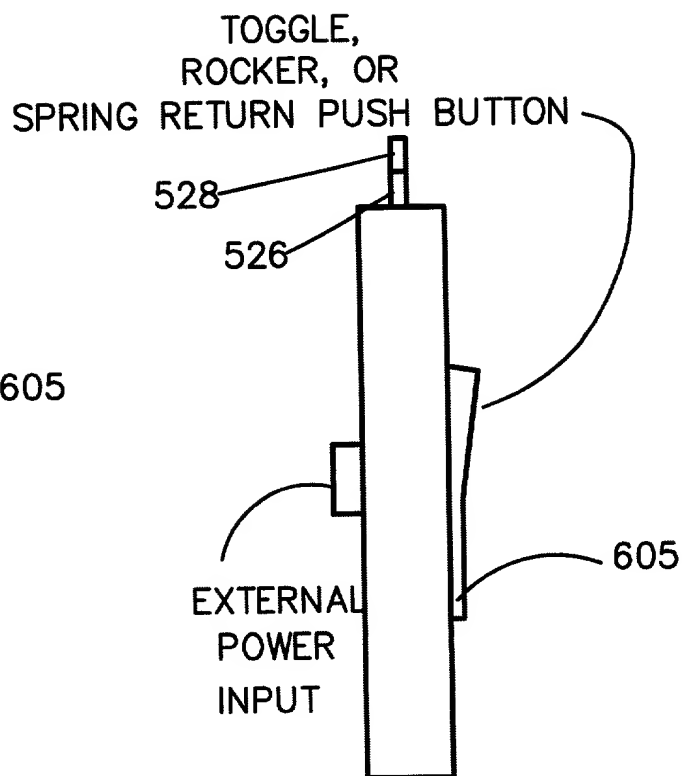
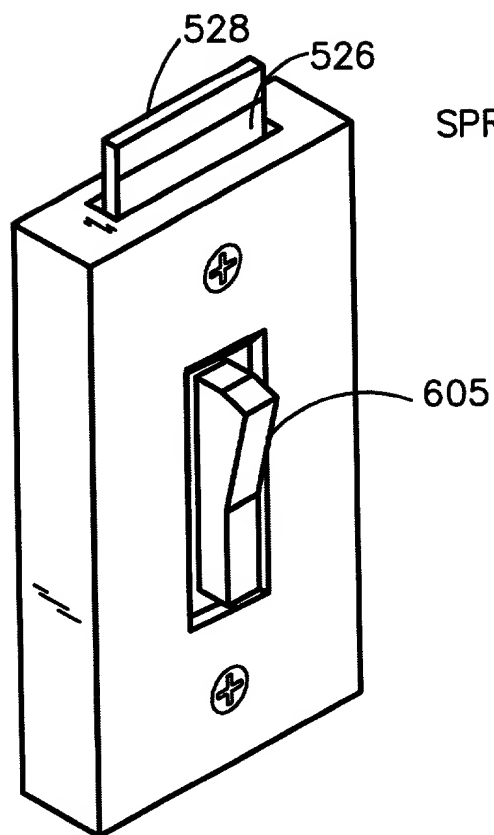


FIG. 22



CONTROL SWITCH

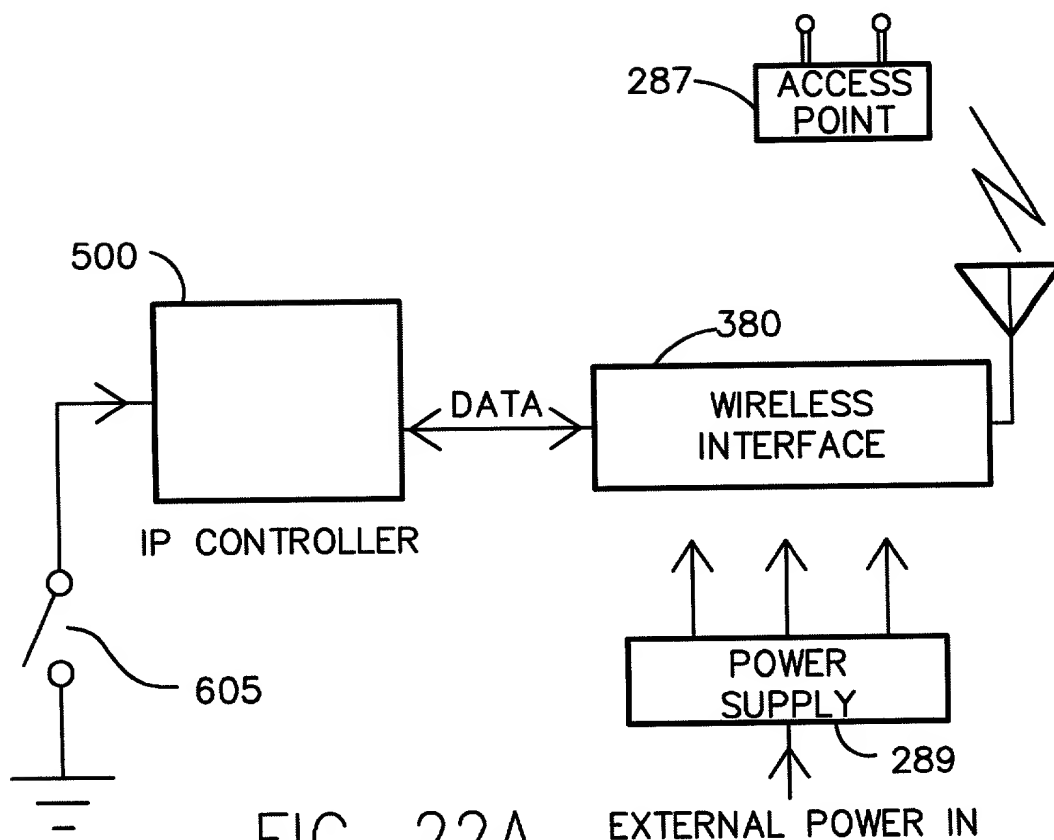
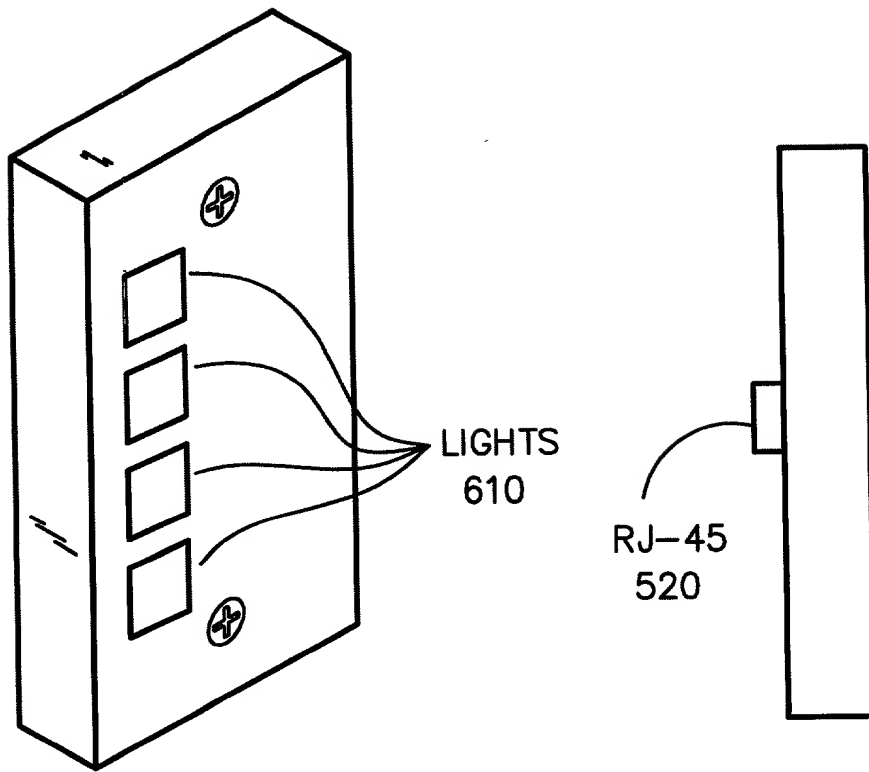


FIG. 22A



INDICATOR LIGHT

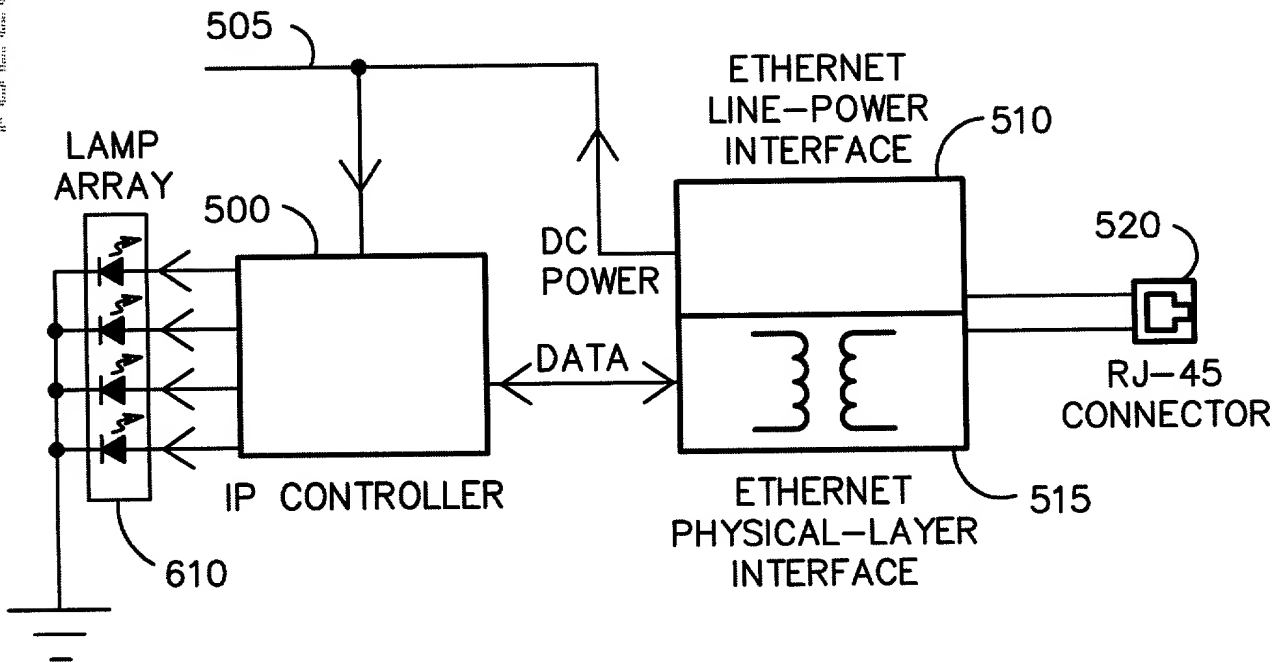
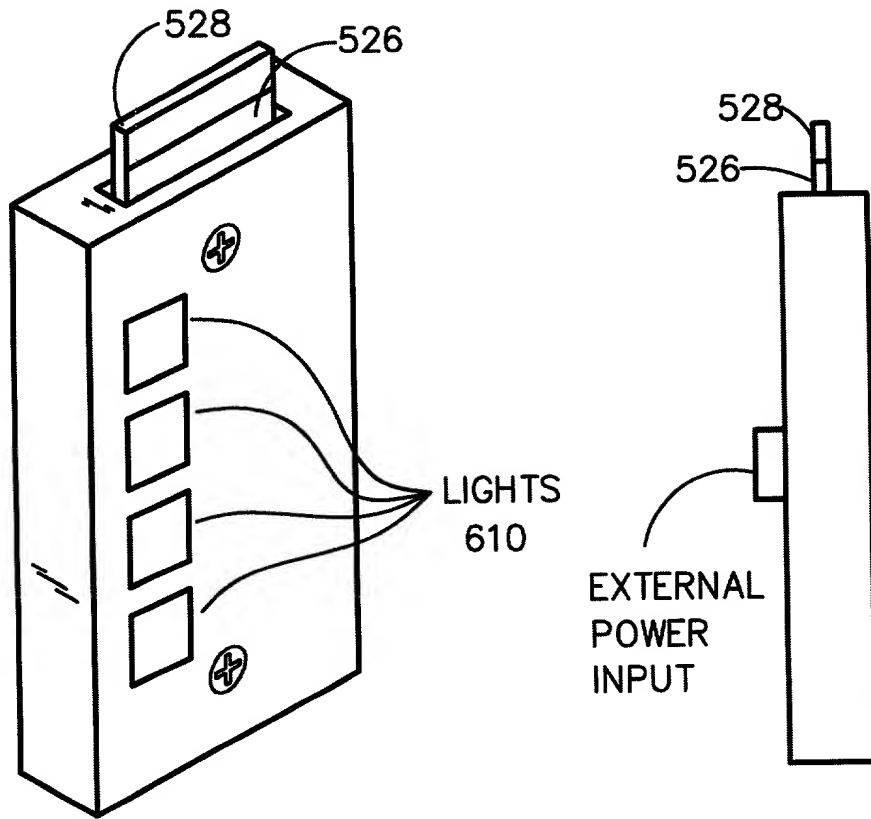


FIG. 23

+



INDICATOR LIGHT

FIG. 23A

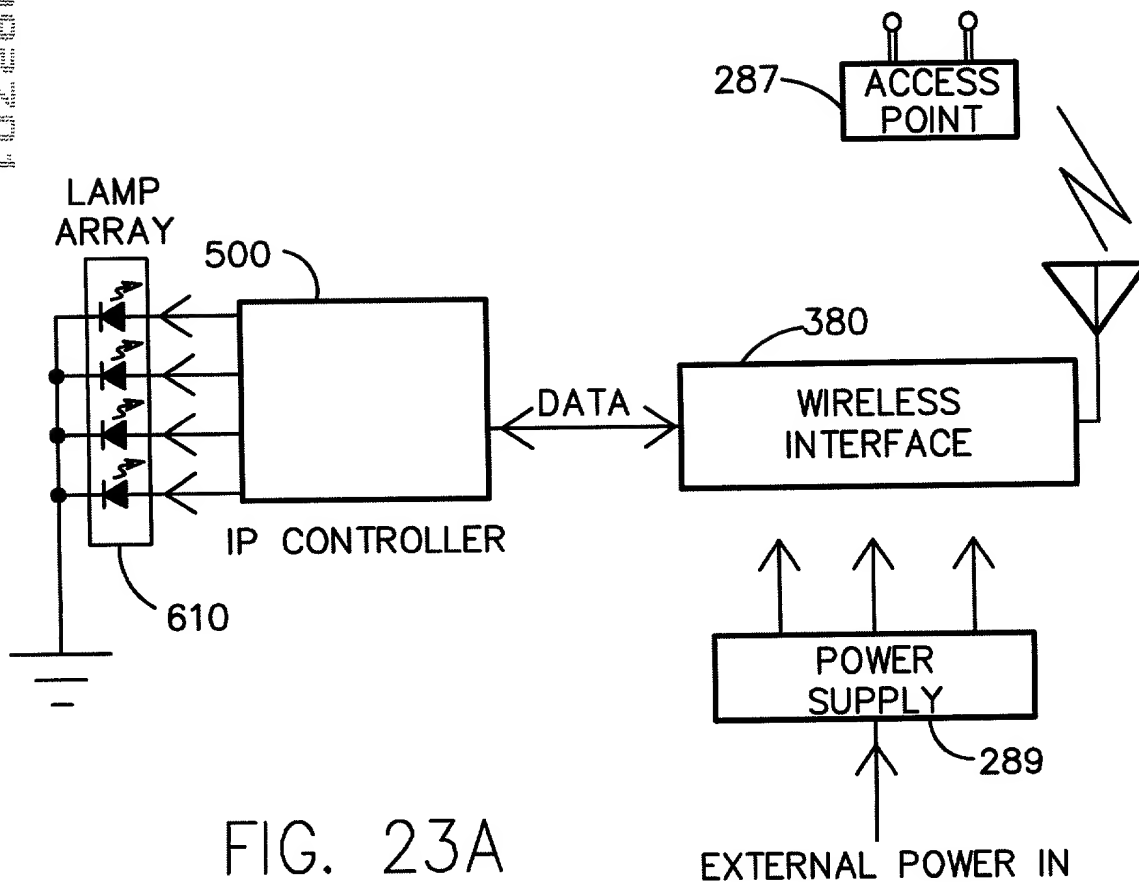
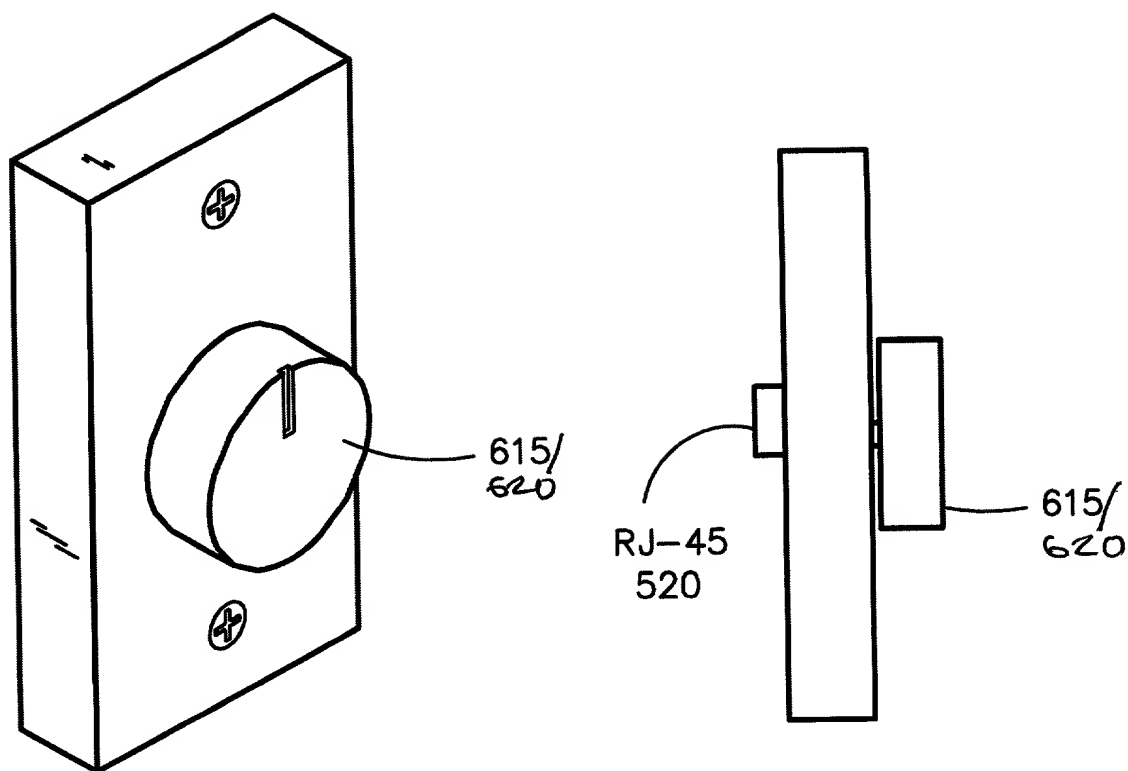


FIG. 23A

+

+



## ANALOG CONTROL

T03250 "03250" 03250

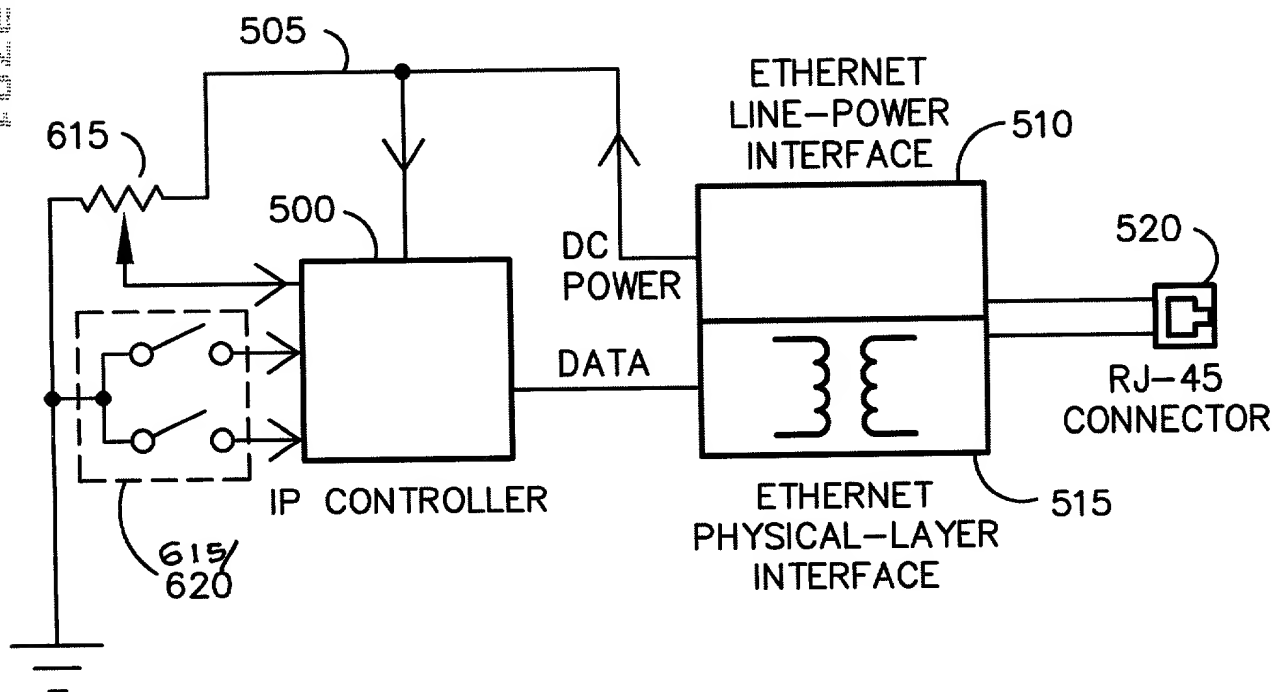
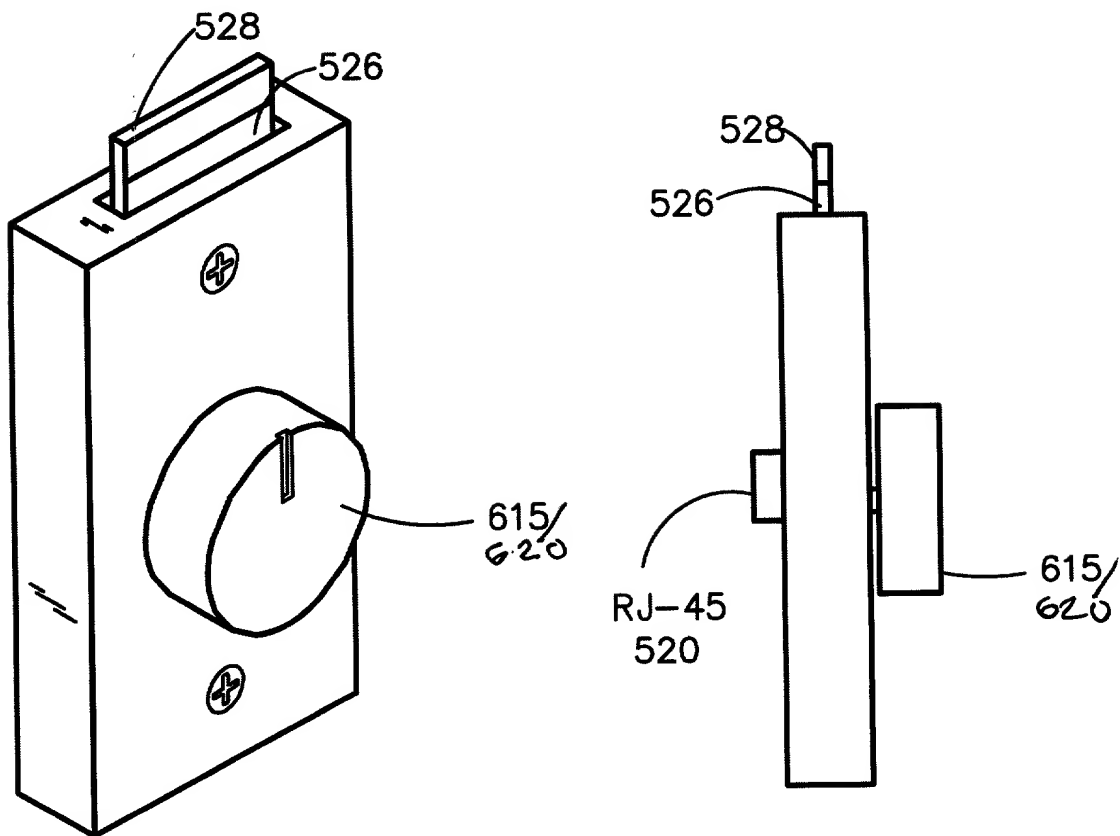


FIG. 24

+





## ANALOG CONTROL

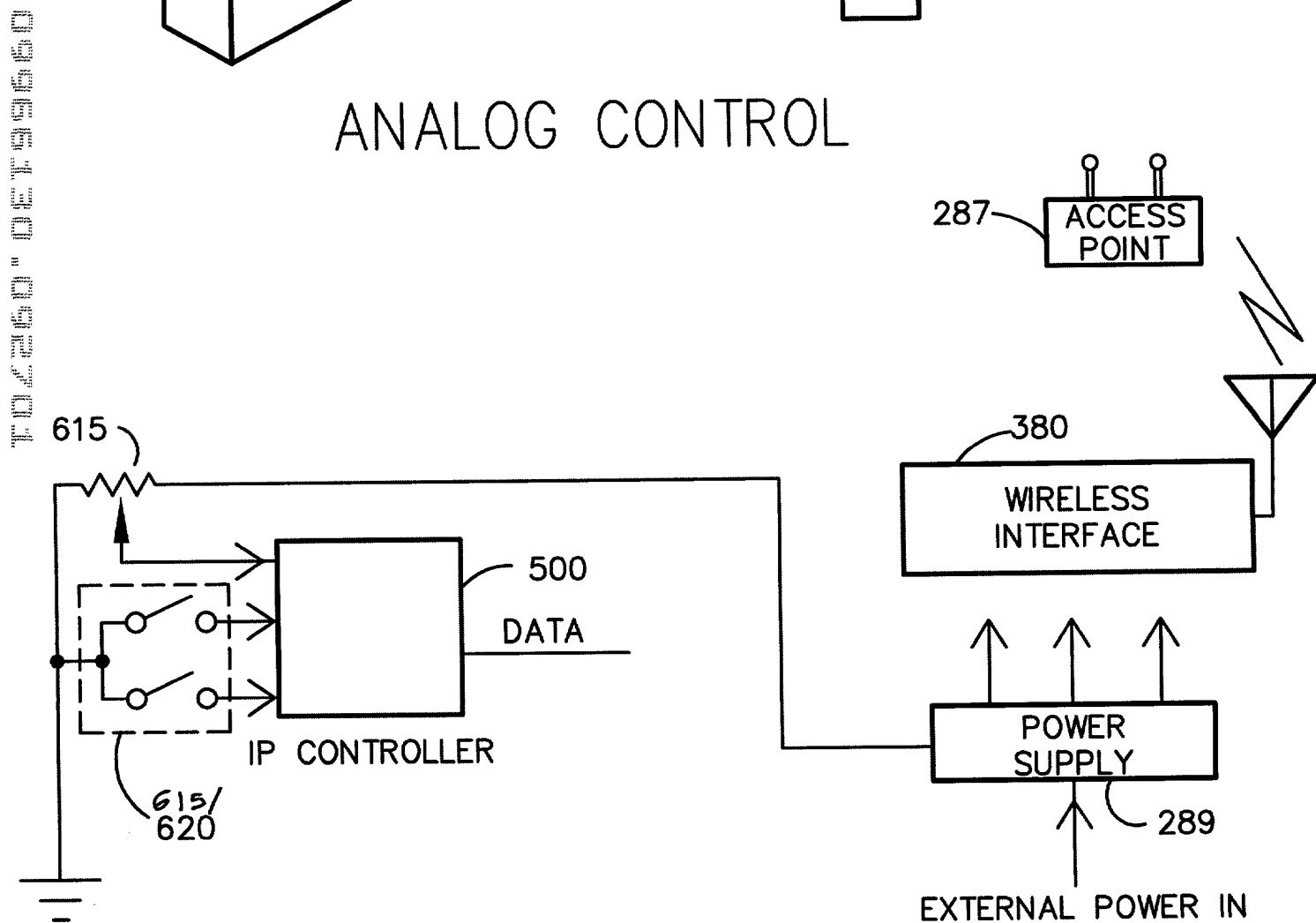
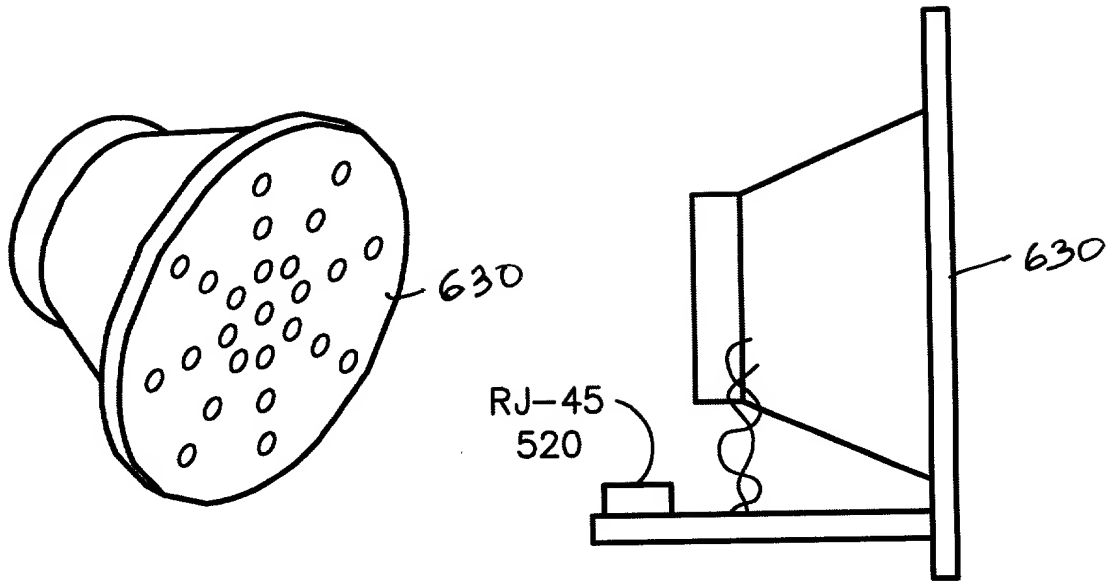


FIG. 24A



# LOUDSPEAKER WITH AMPLIFIER

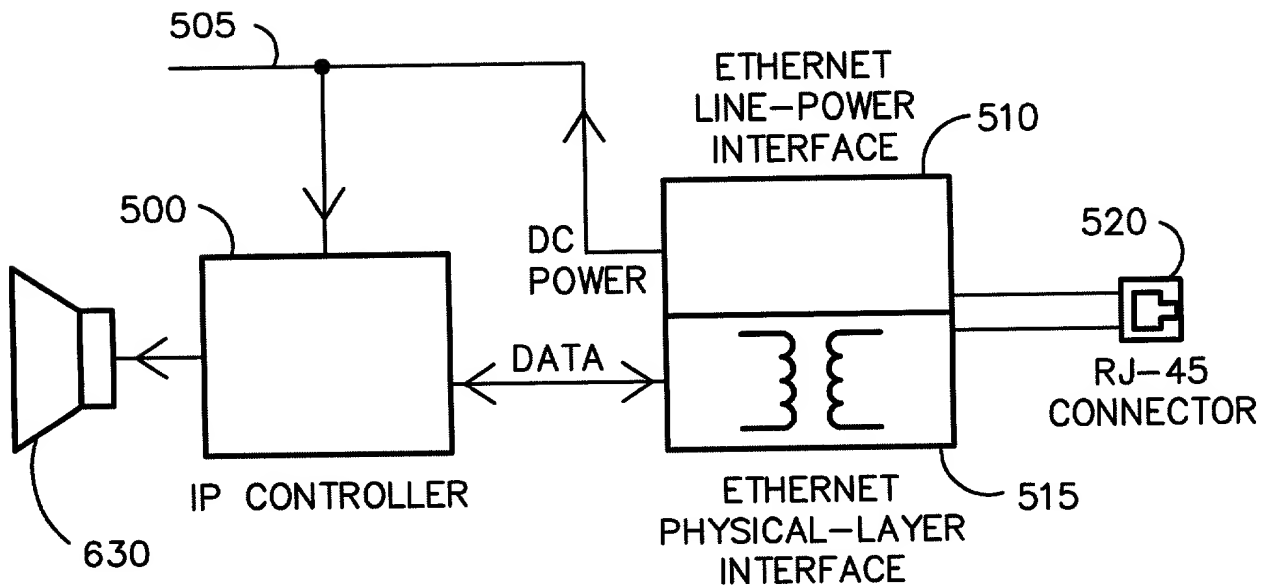
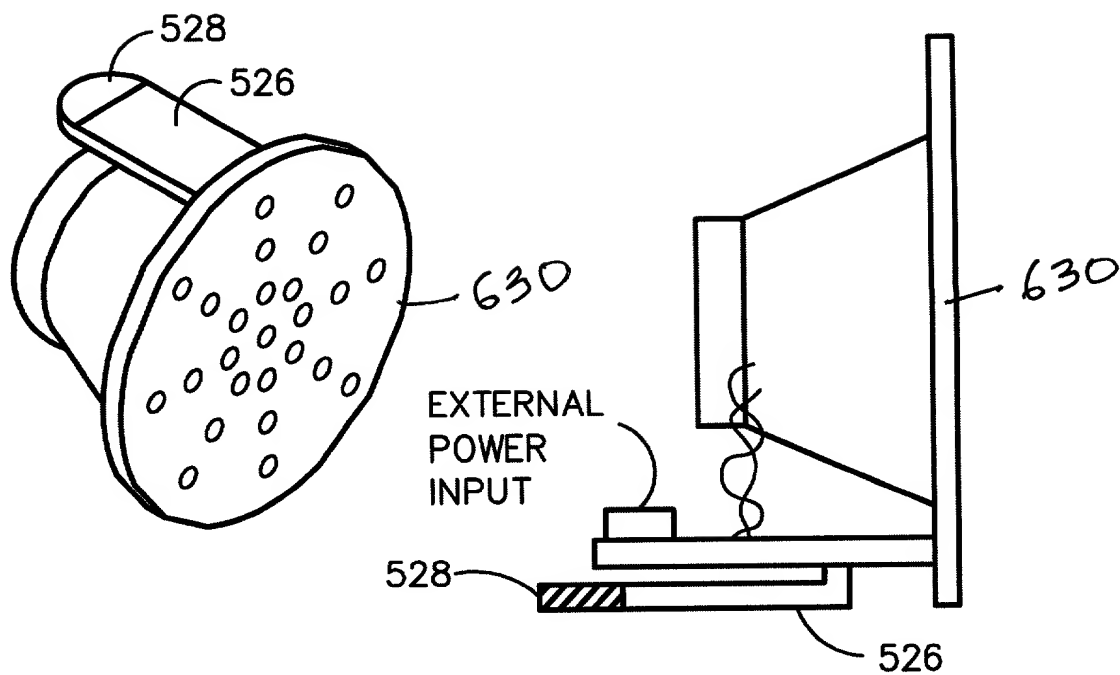


FIG. 25



# LOUDSPEAKER WITH AMPLIFIER

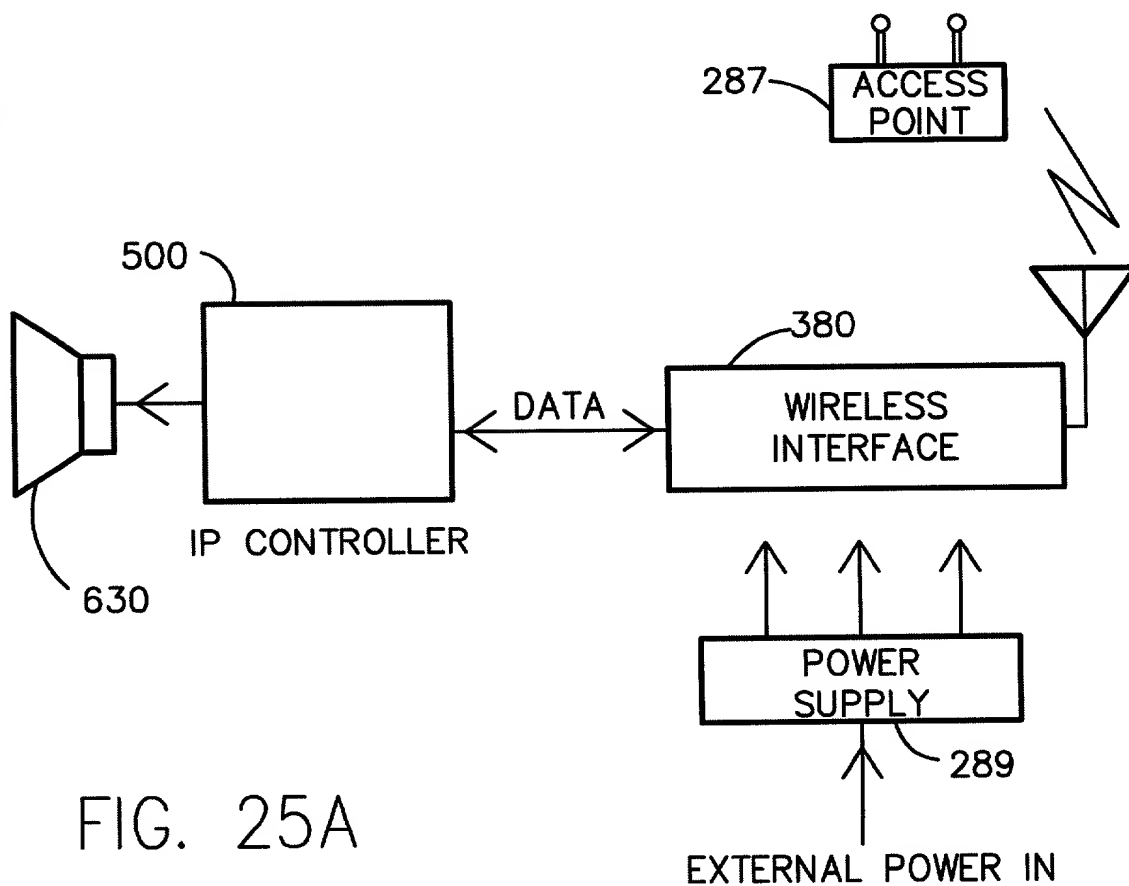
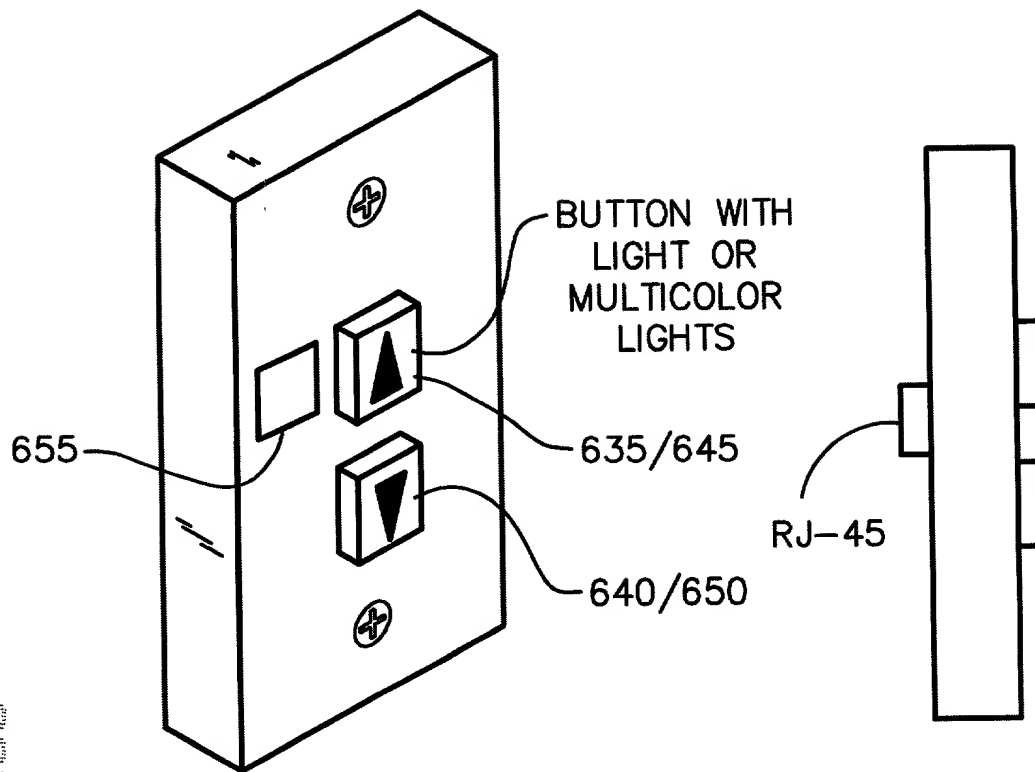


FIG. 25A



## CONTROL SWITCH INDICATOR LIGHT

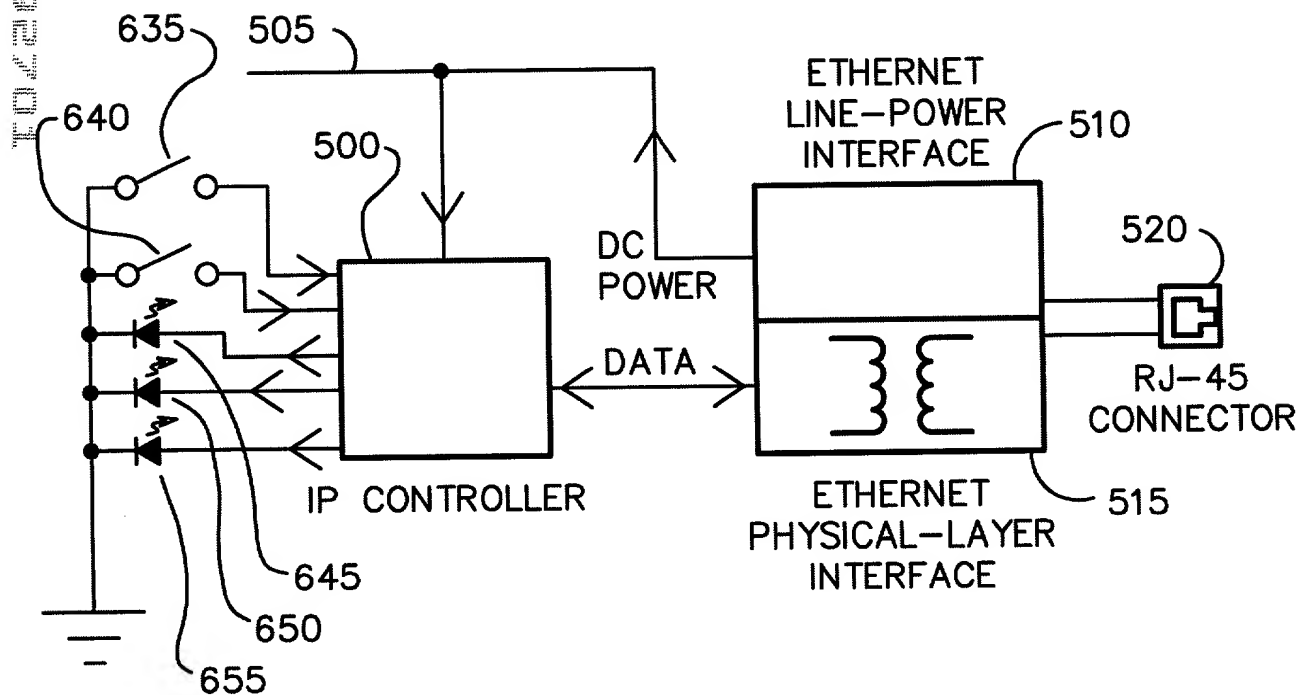
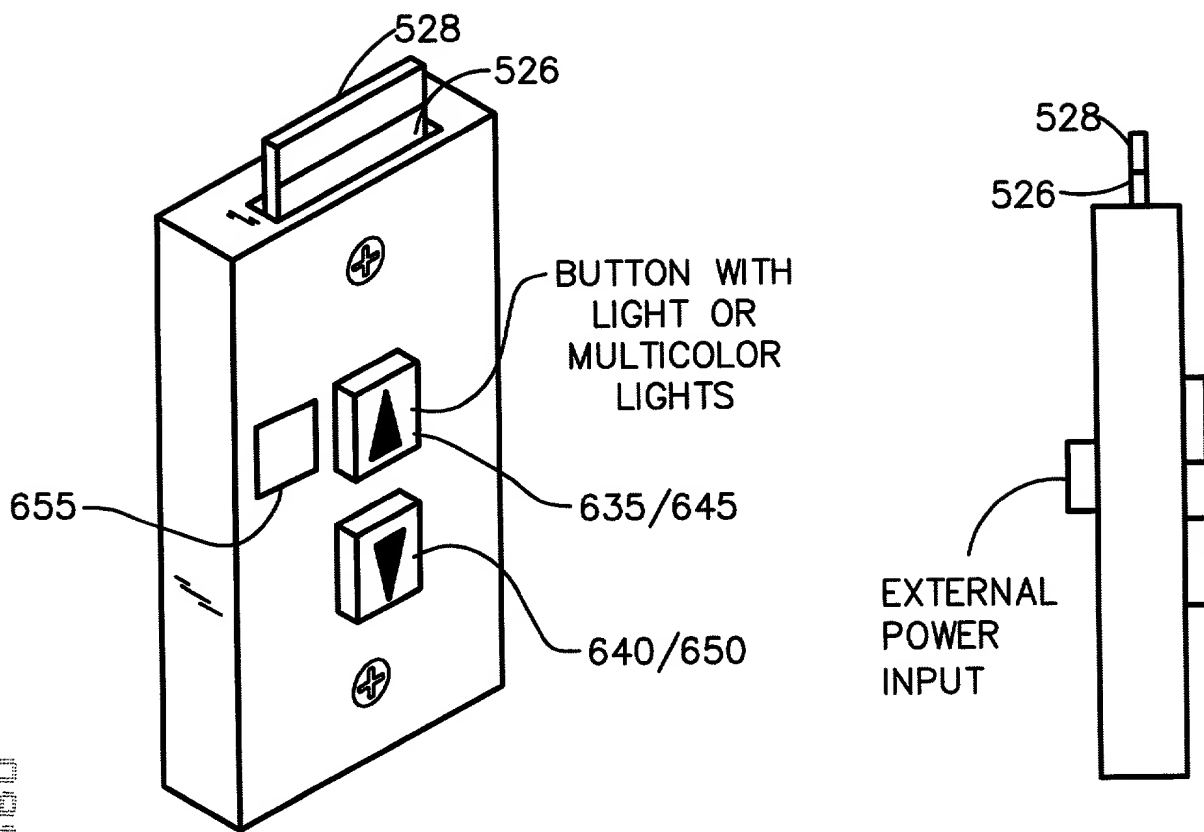


FIG. 26



## CONTROL SWITCH INDICATOR LIGHT

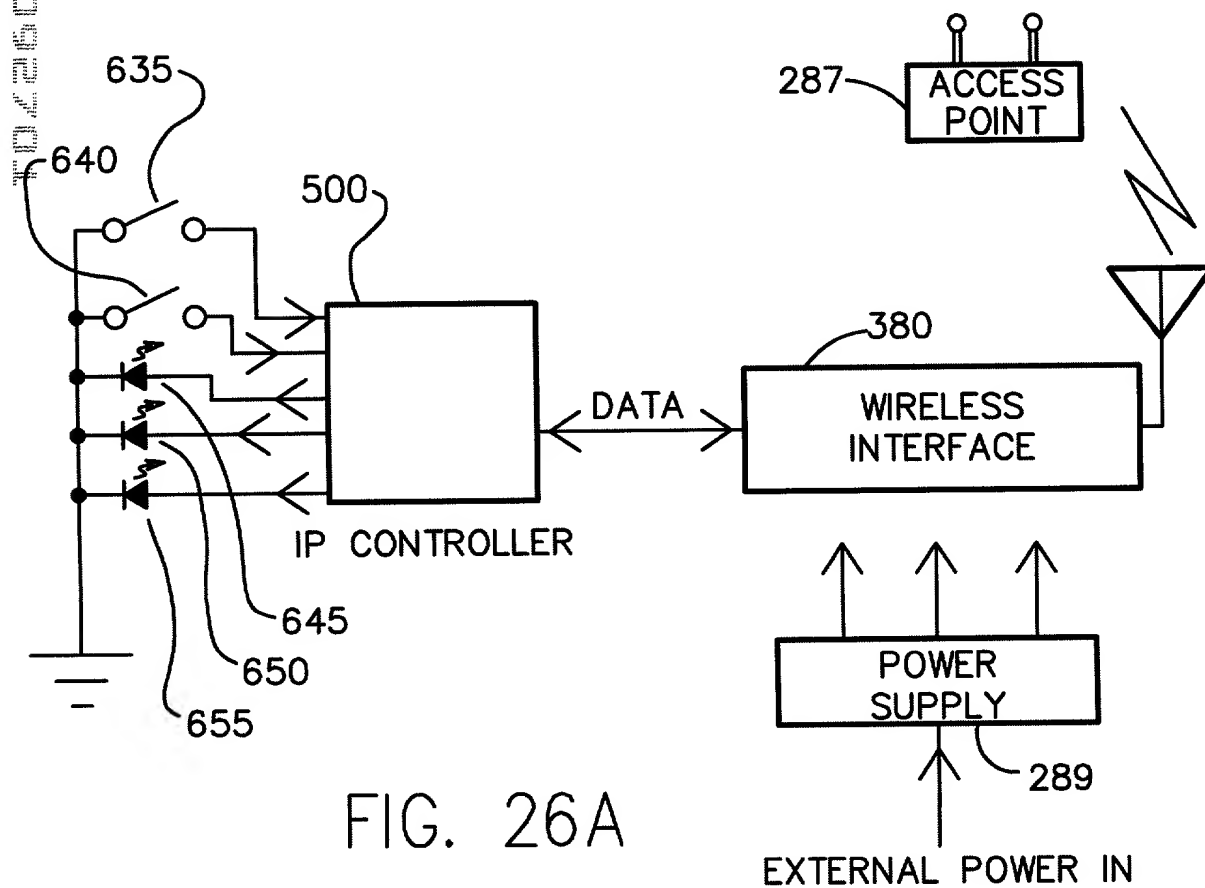
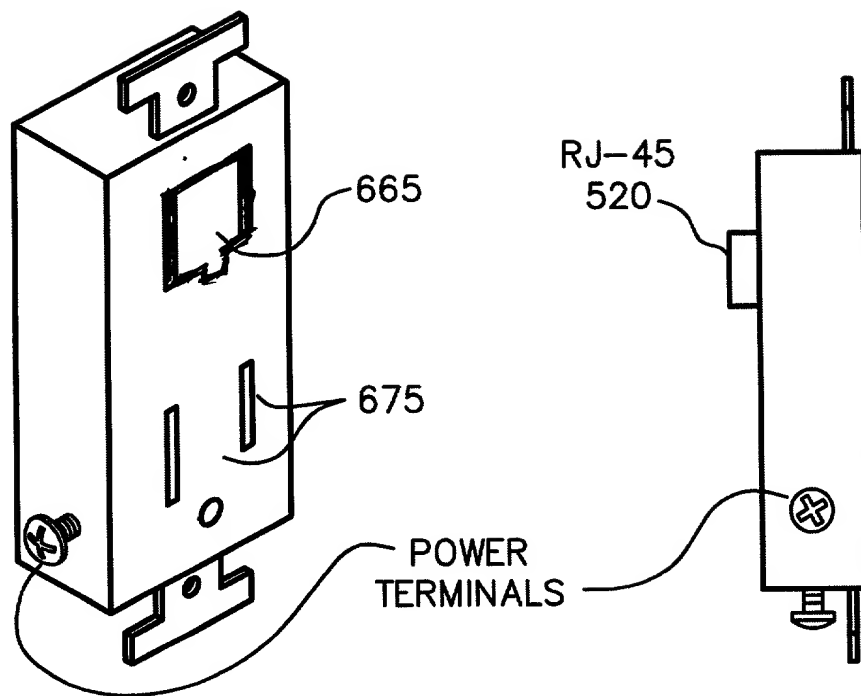


FIG. 26A



# POWER CONTROL (SWITCH OR DIMMER)

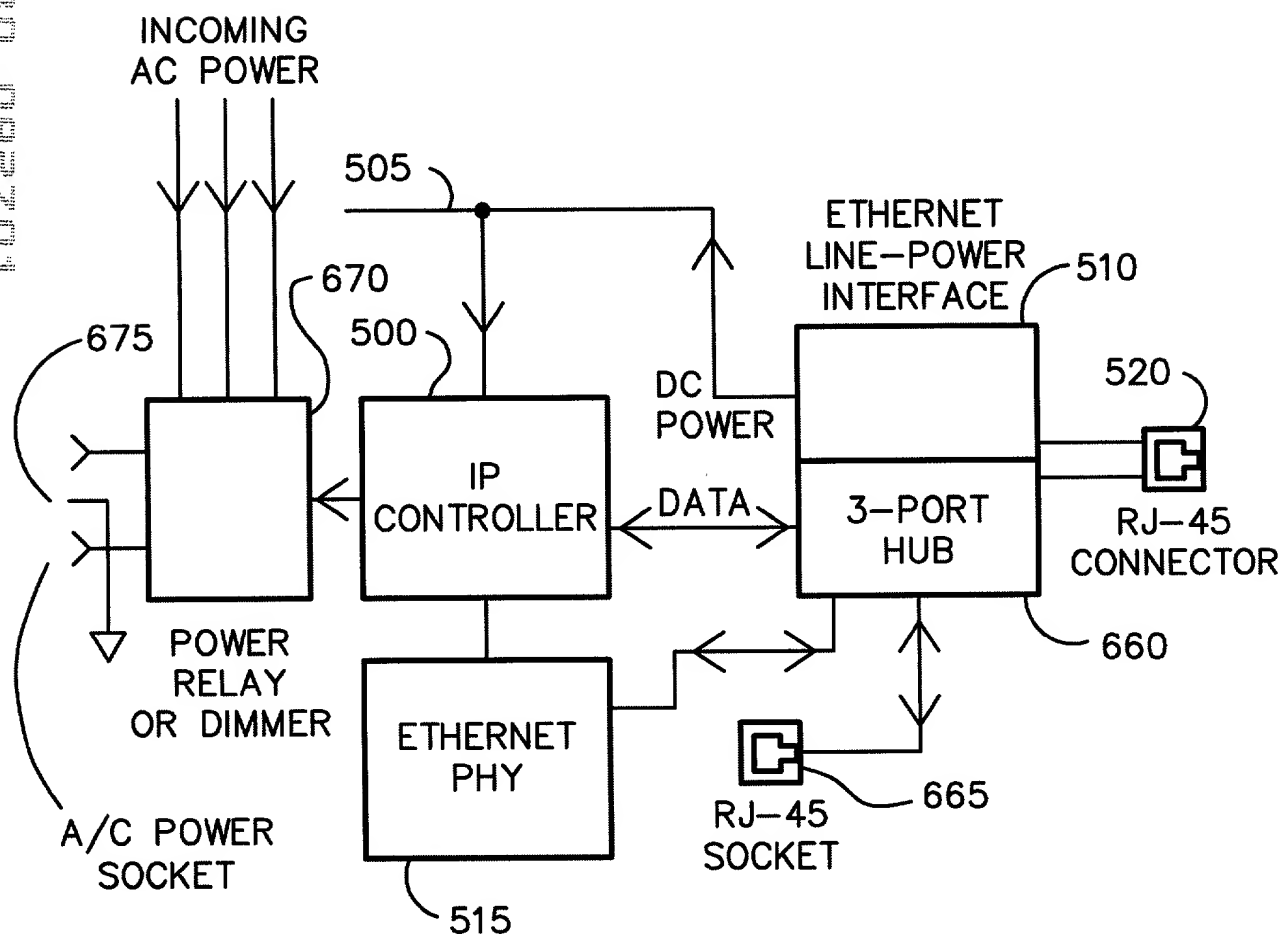
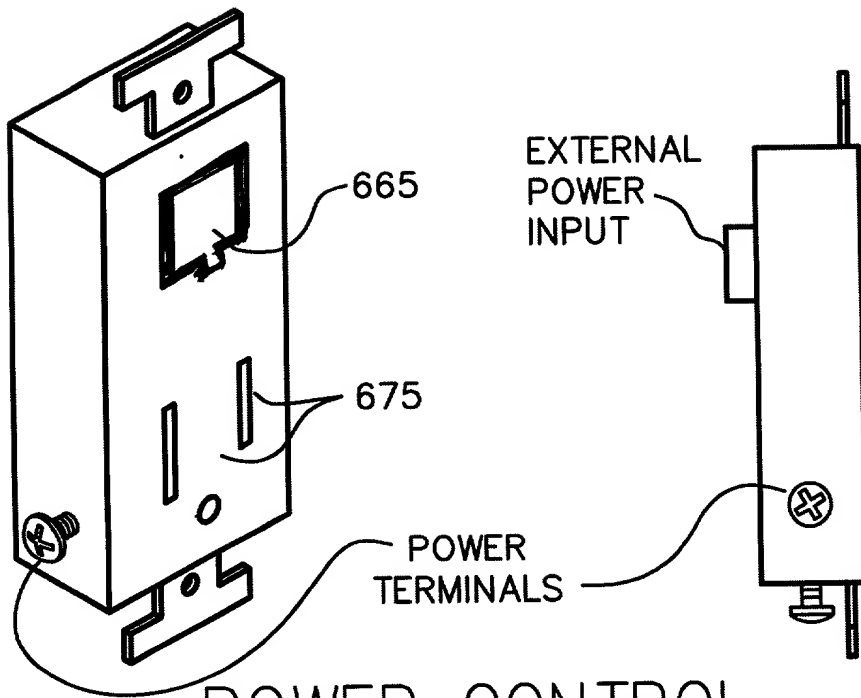
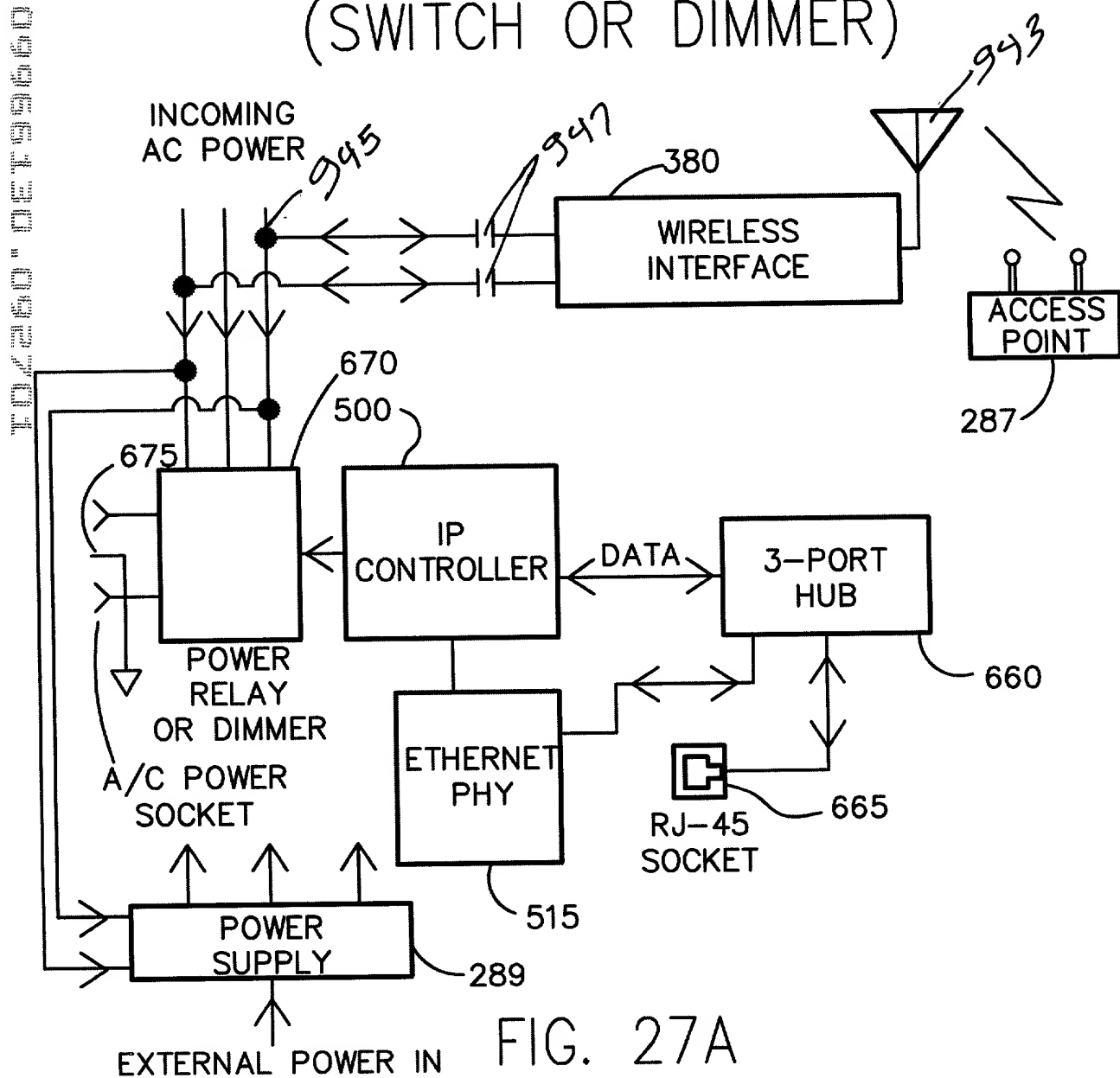


FIG. 27



POWER CONTROL  
(SWITCH OR DIMMER)



+

680  
CIRCUIT  
BREAKERRJ-45  
520RJ-45  
665

# MUTI-POWER CONTROL MULTIPLE SWITCH AND/OR DIMMER

T04250-0990

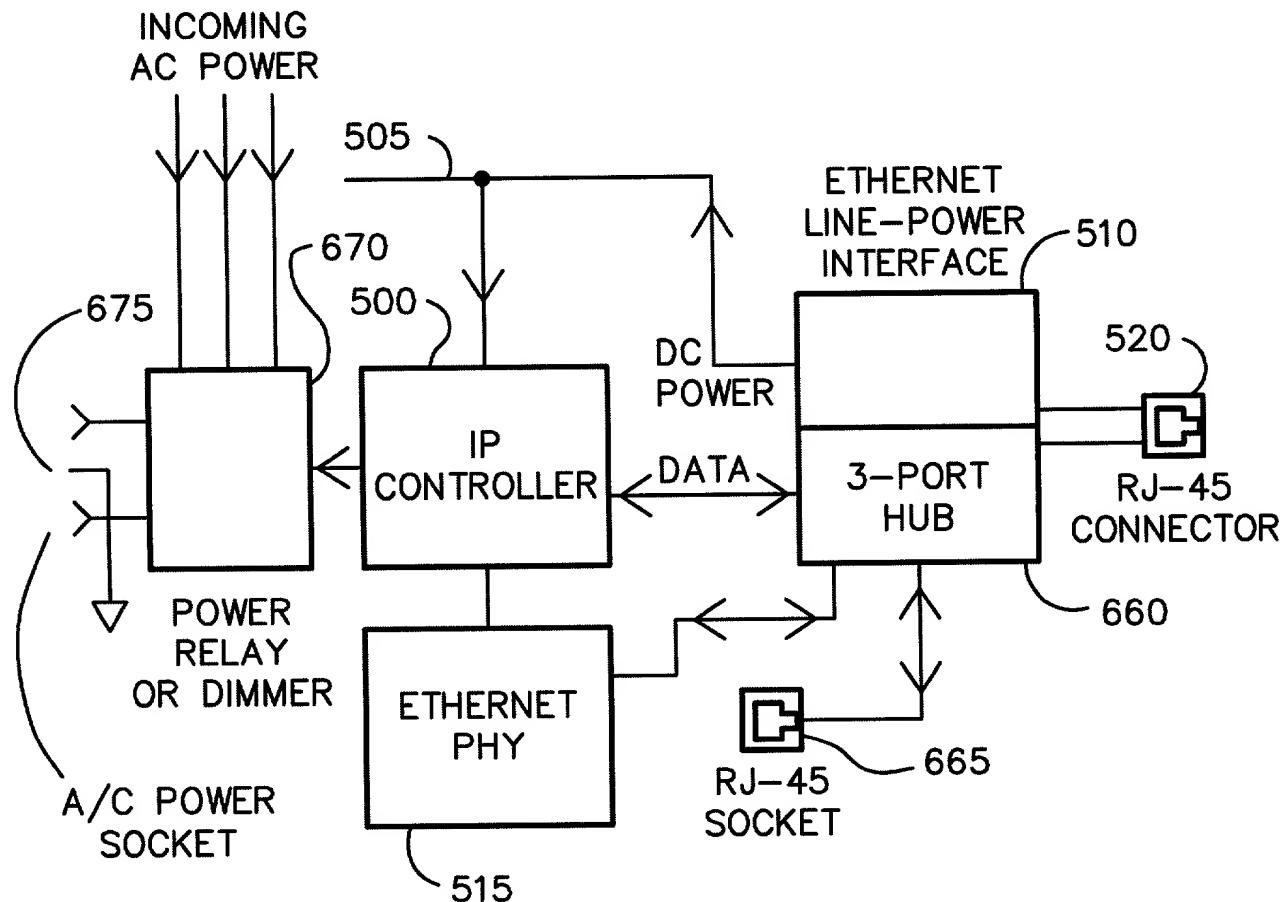
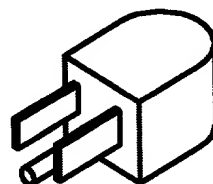


FIG. 28

+



+

680  
CIRCUIT  
BREAKERRJ-45  
665

# MUTI-POWER CONTROL MULTIPLE SWITCH AND/OR DIMMER

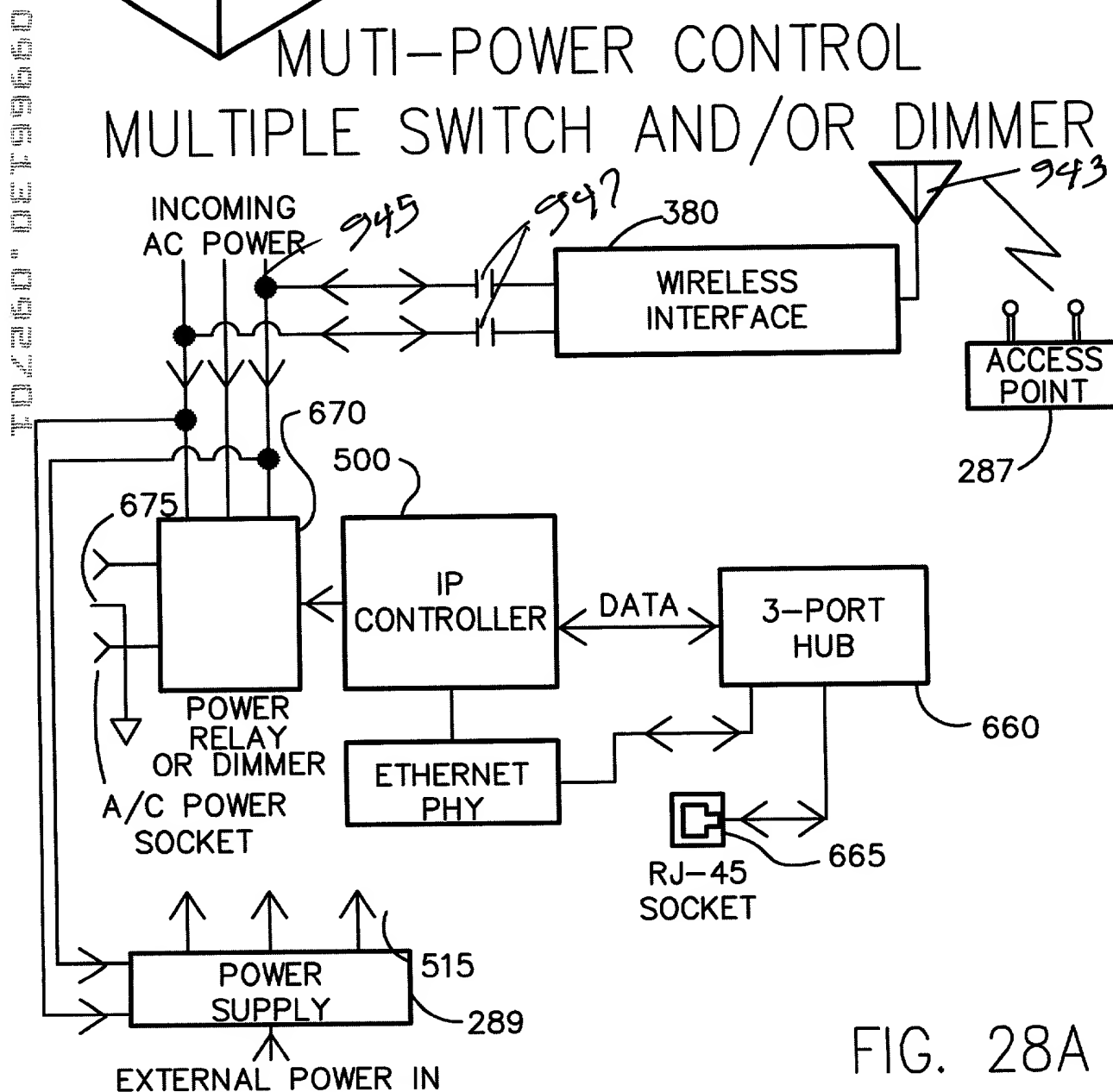
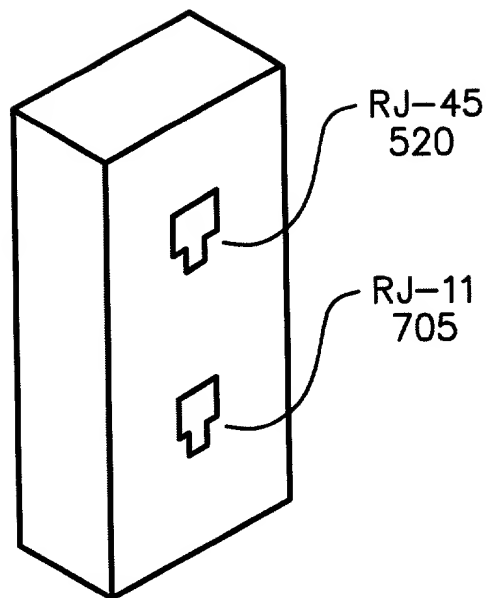


FIG. 28A

+

+



# TELEPHONE DIALER/INTERFACE

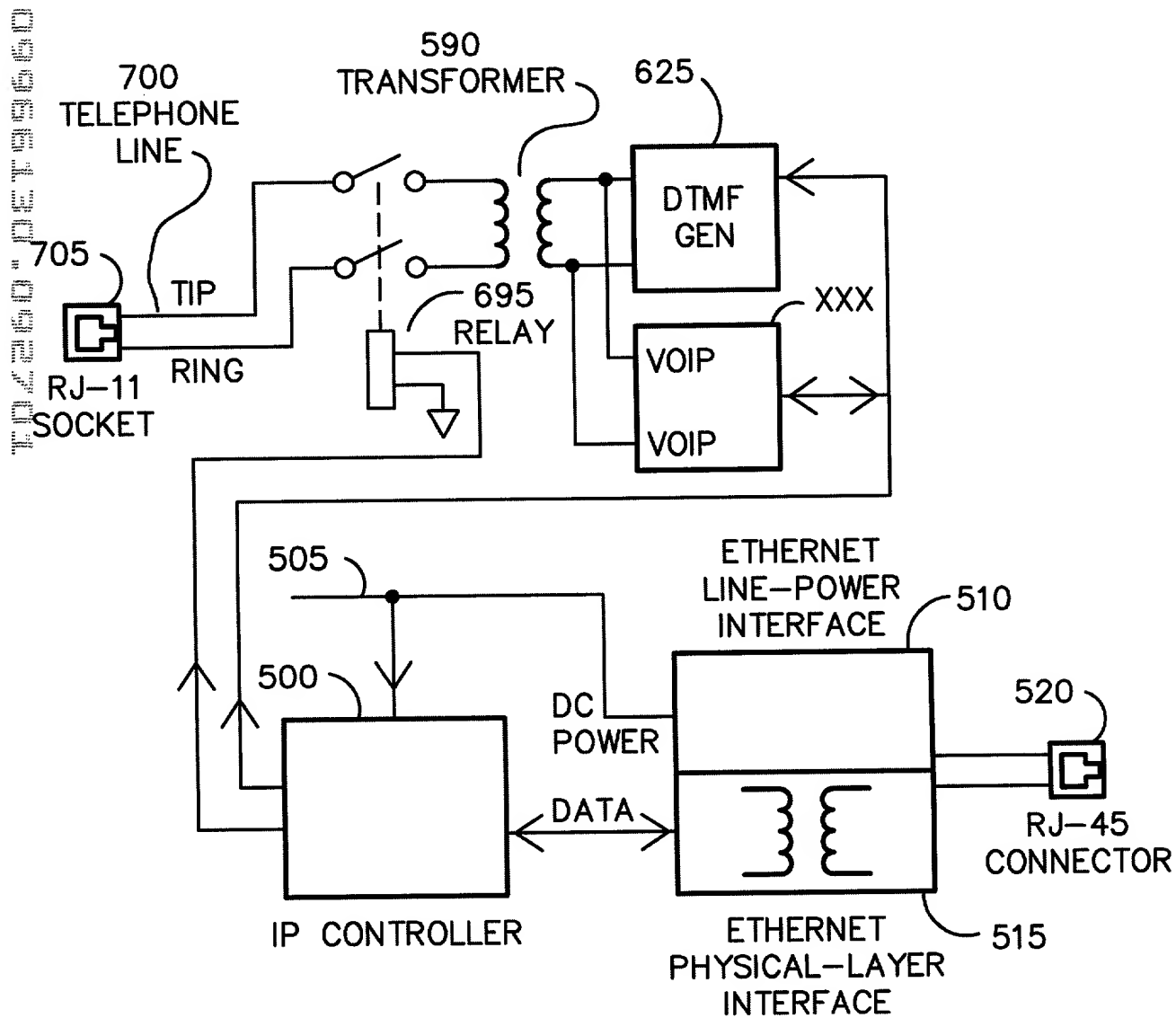
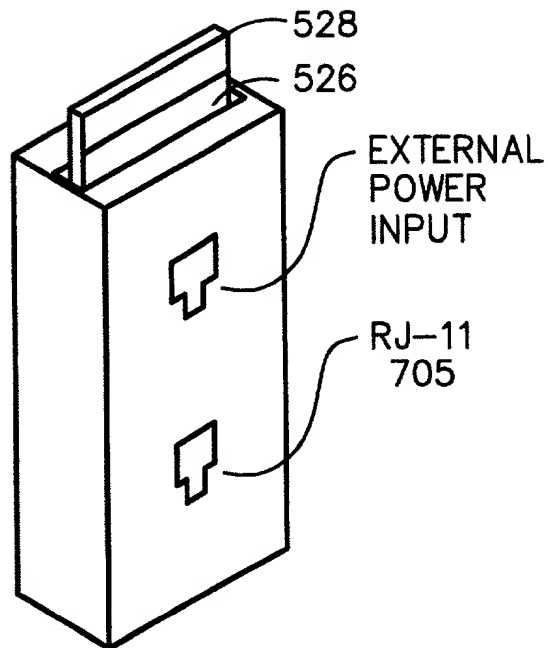


FIG. 29

+



# TELEPHONE DIALER/INTERFACE

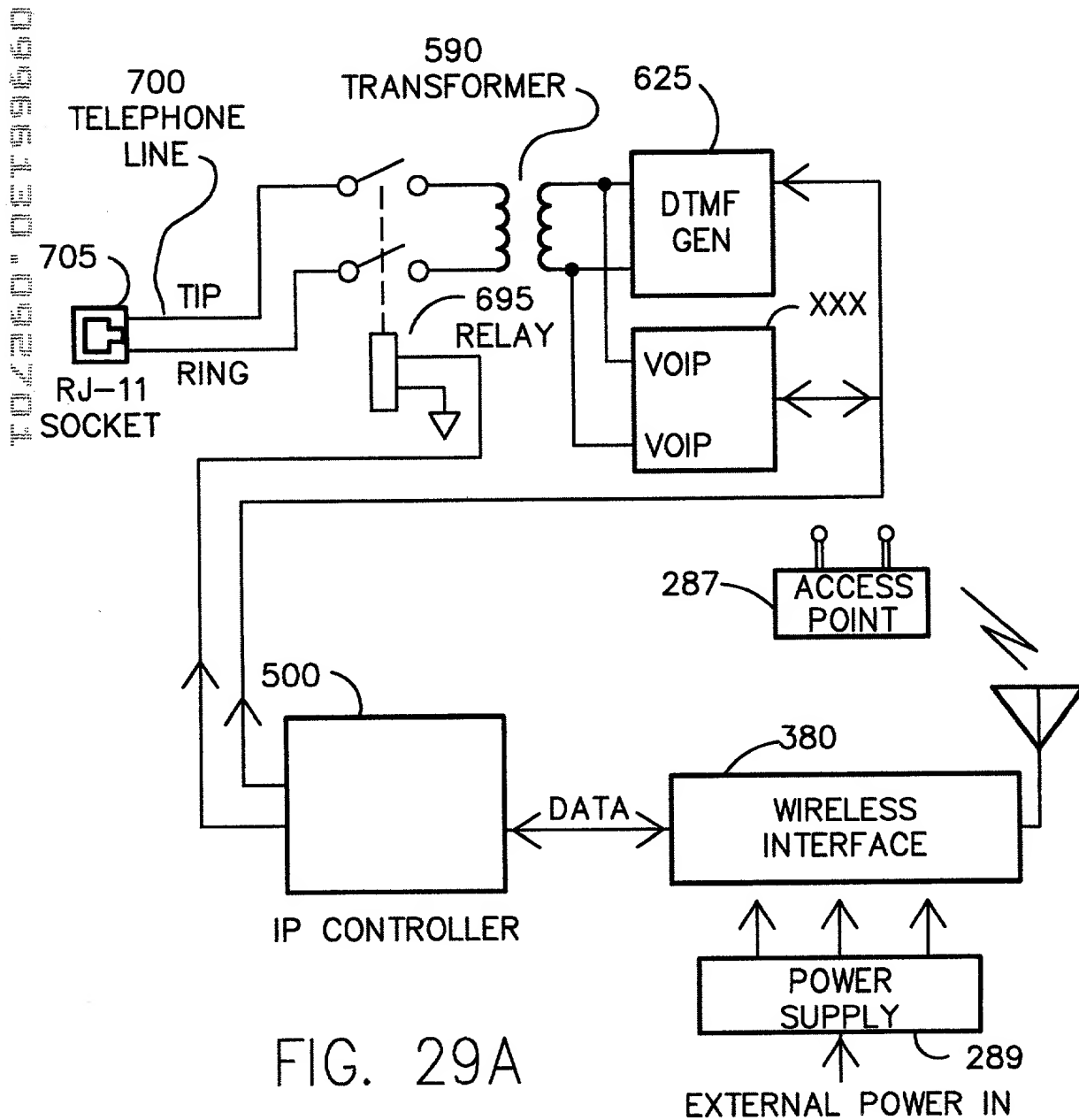


FIG. 29A

# LIGHT FIXTURE

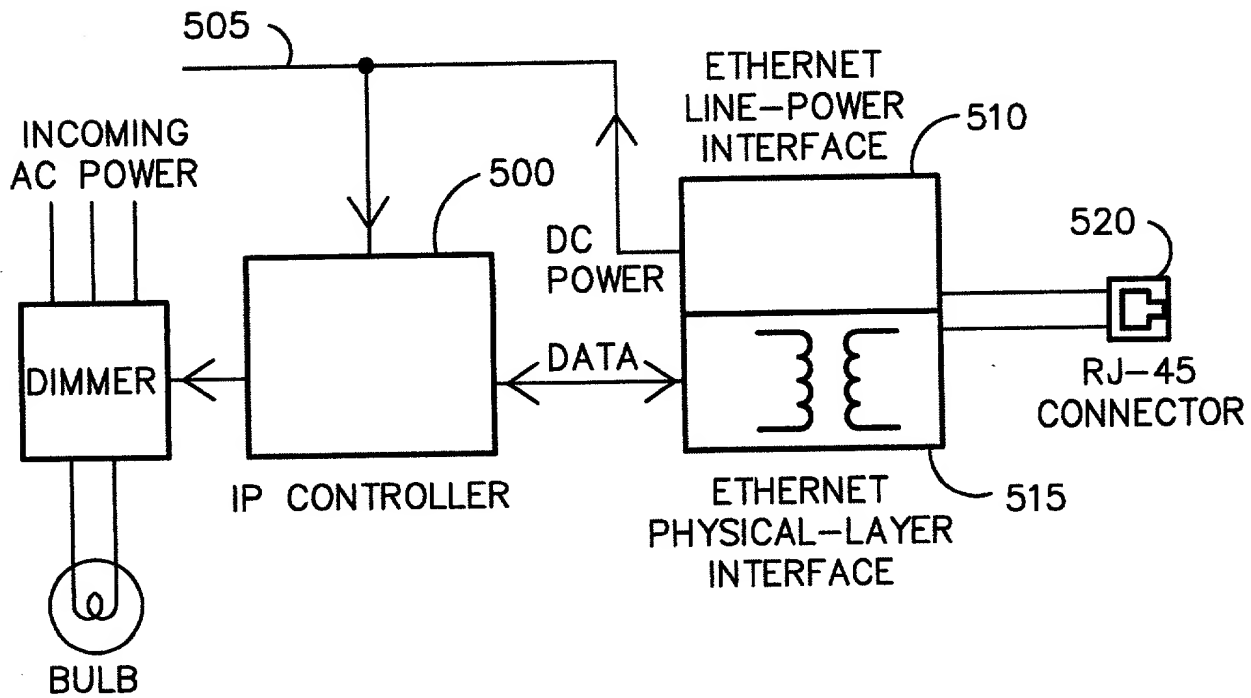
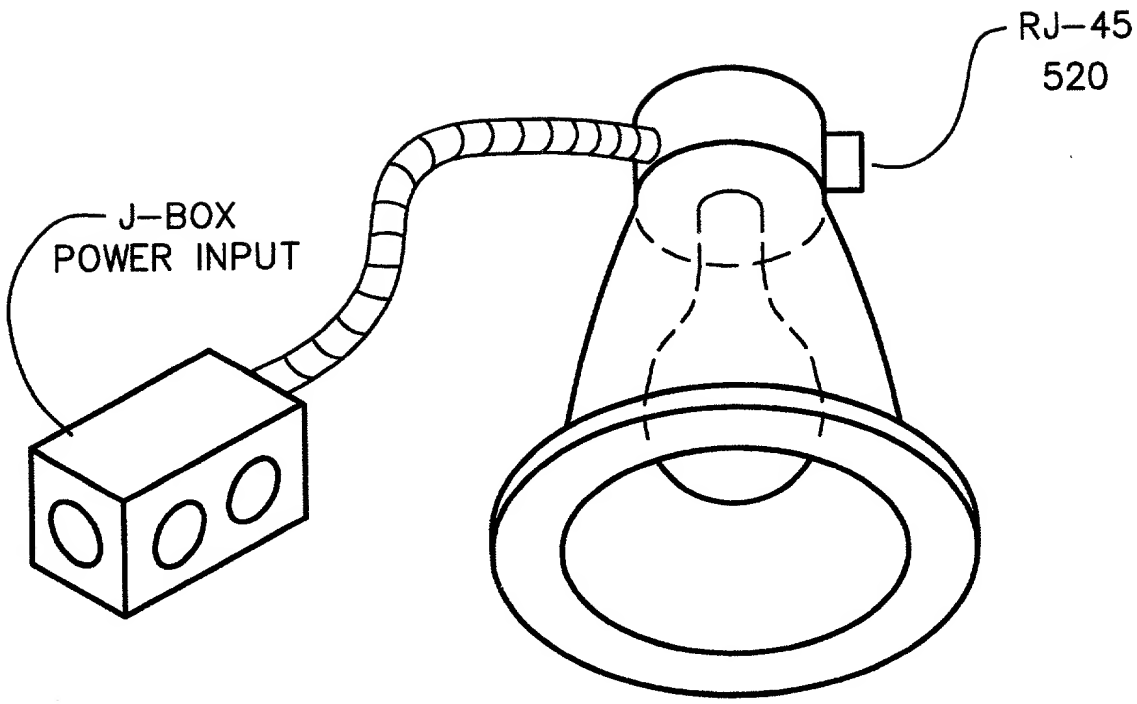
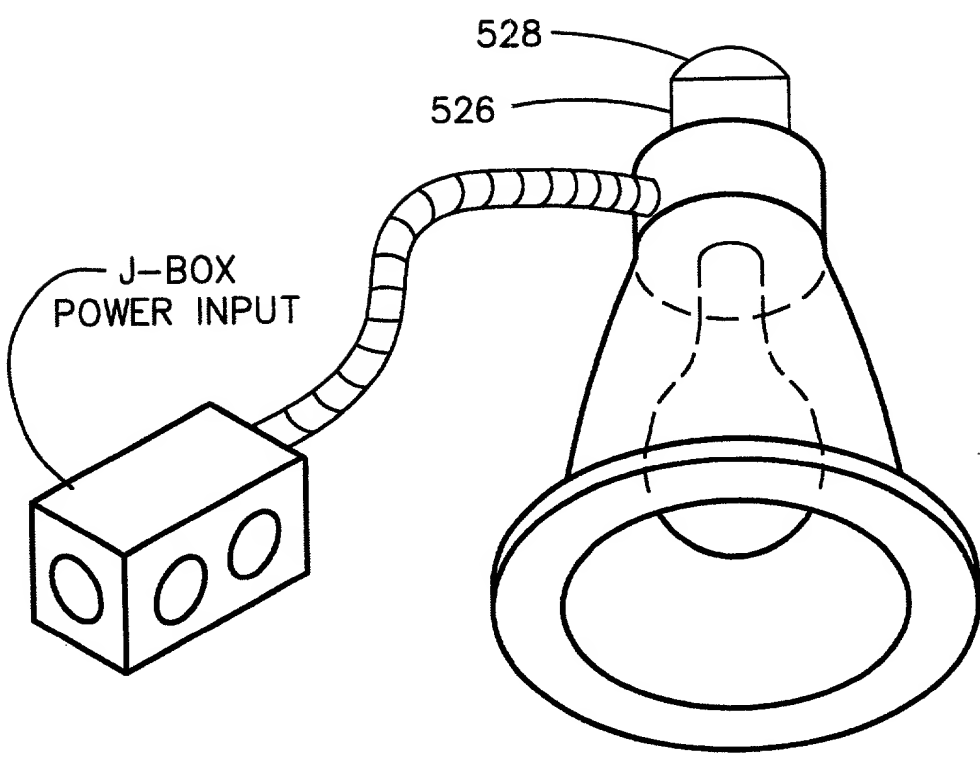


FIG. 30

+



LIGHT FIXTURE

0966130-092701

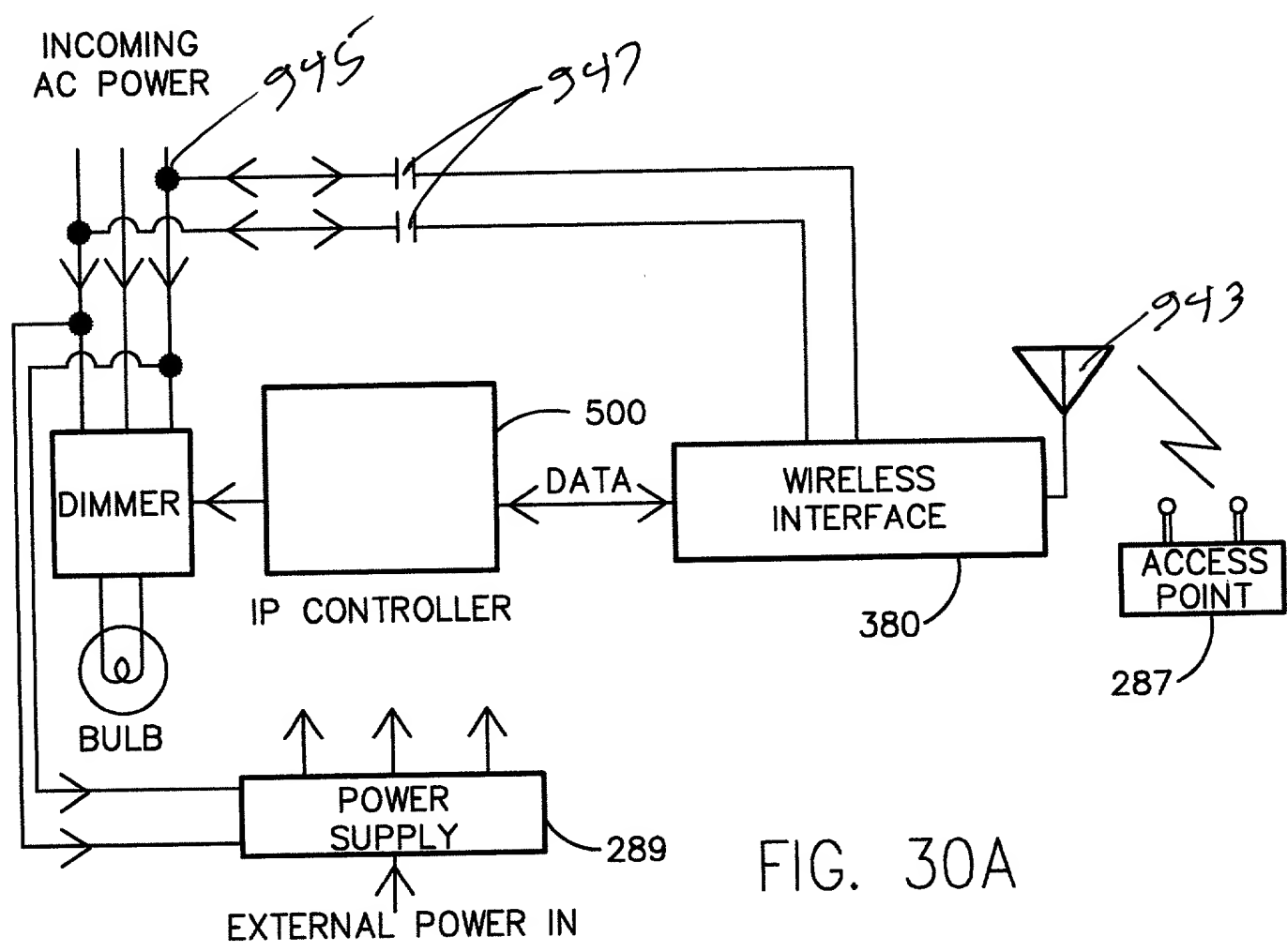
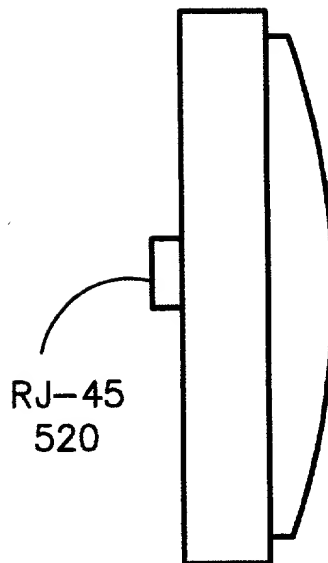
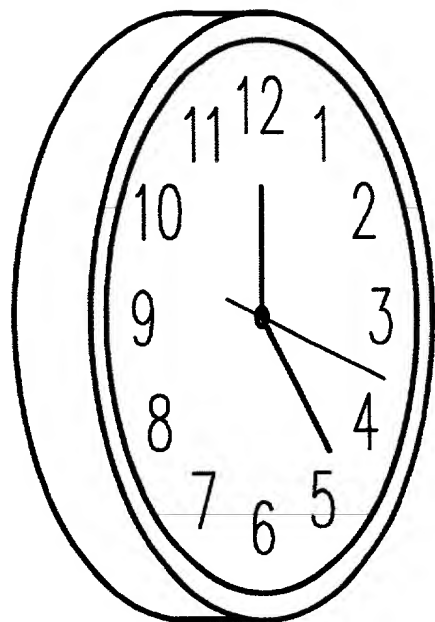


FIG. 30A

+

+



CLOCK

FIG. 31

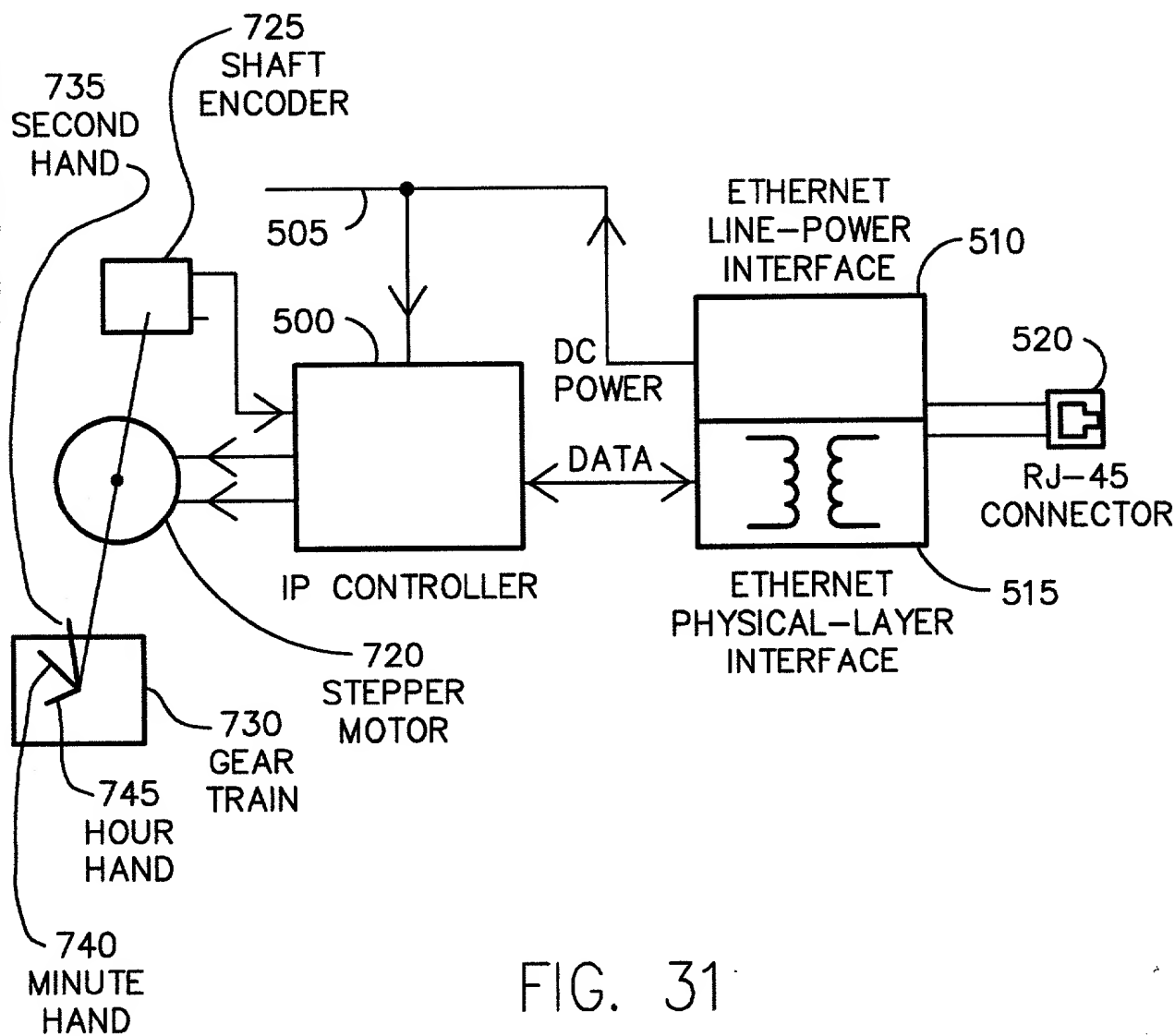
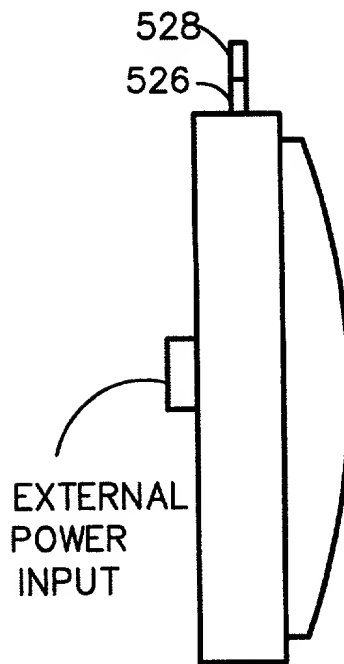
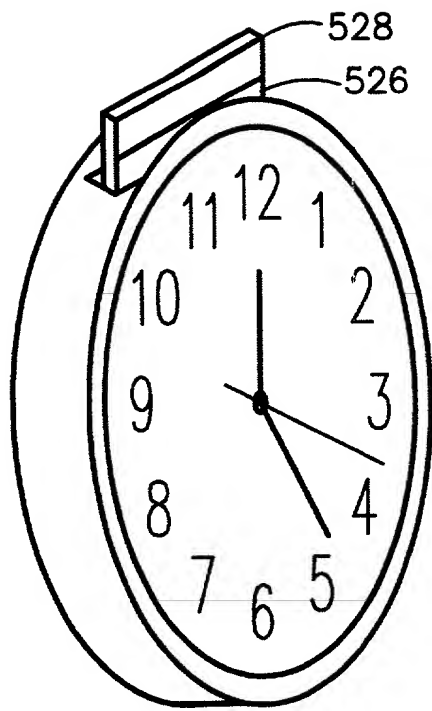


FIG. 31

+



CLOCK

FIG. 31A

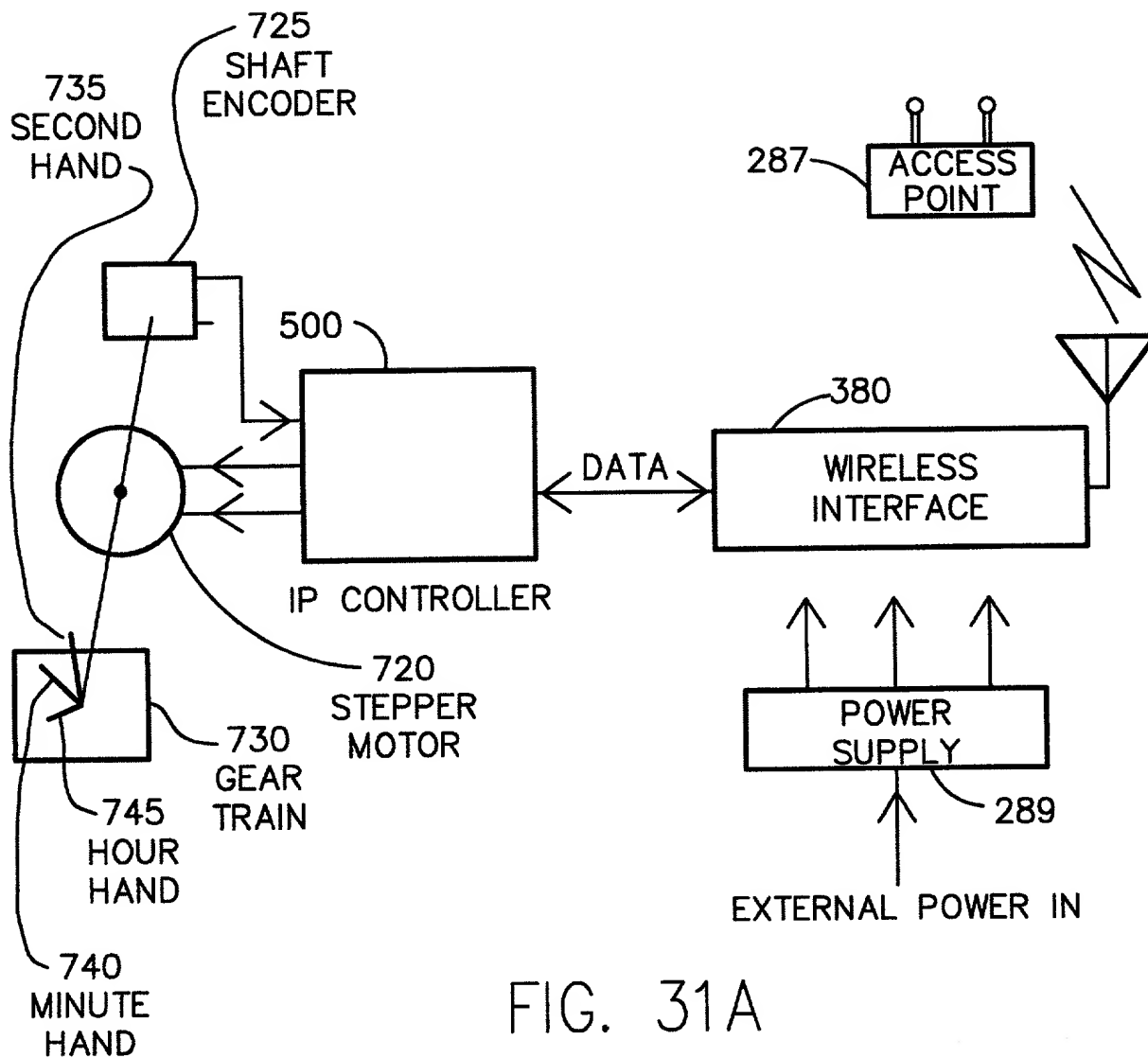


FIG. 31A

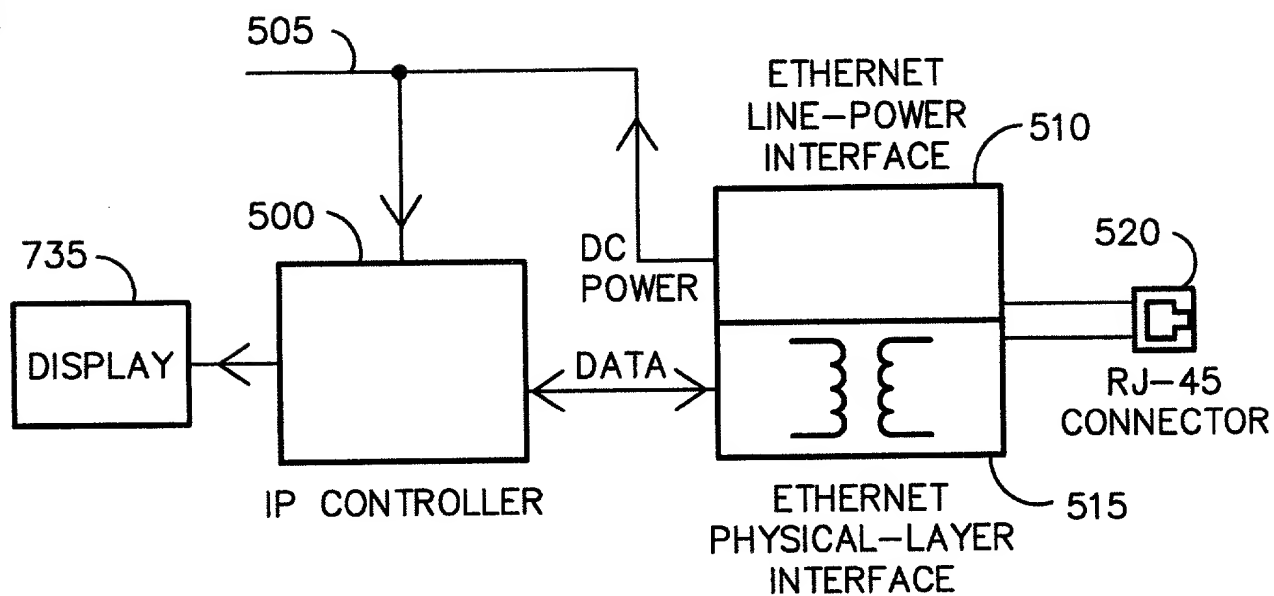
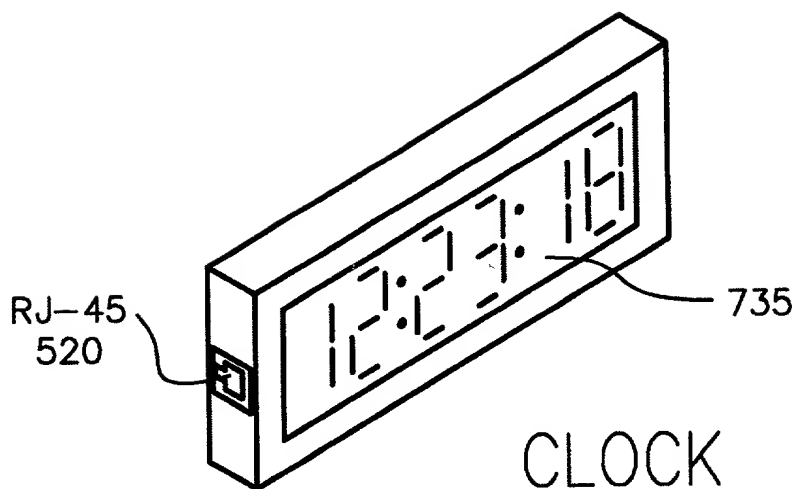


FIG. 32



+

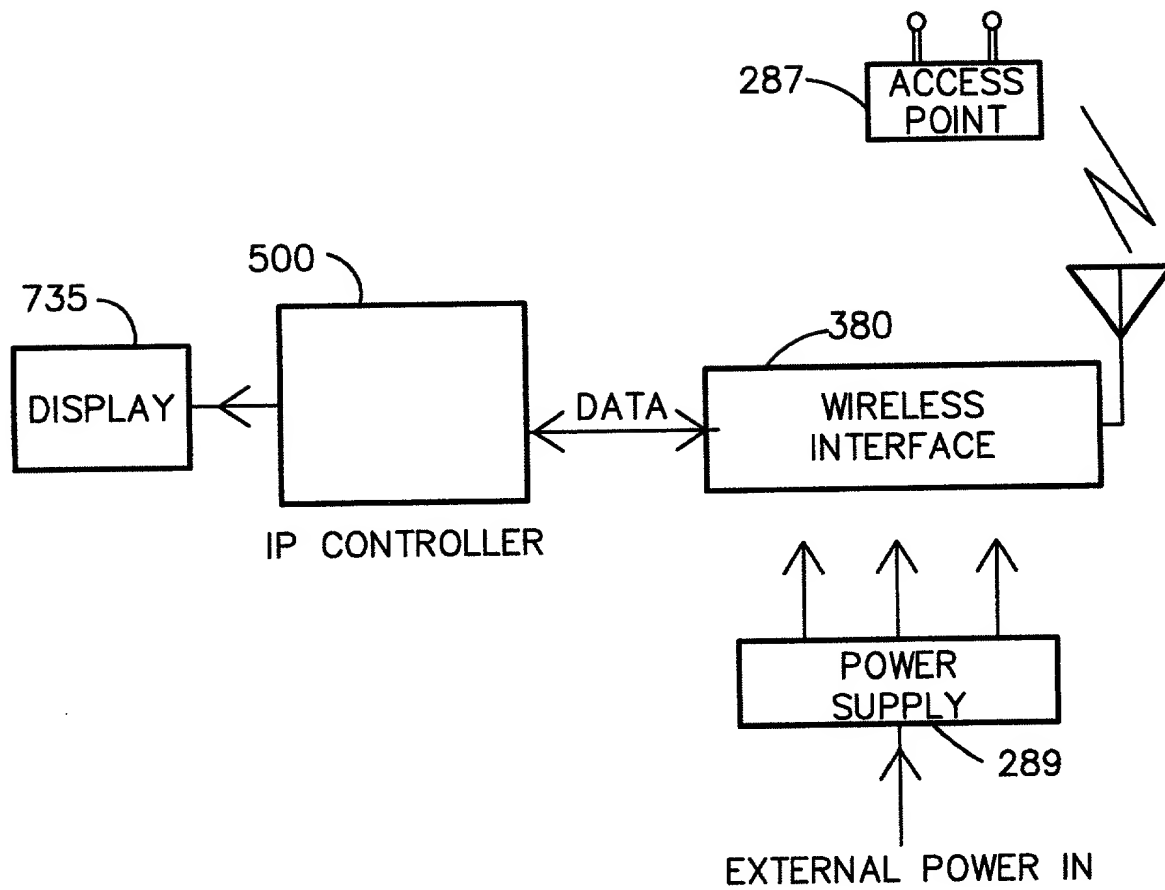
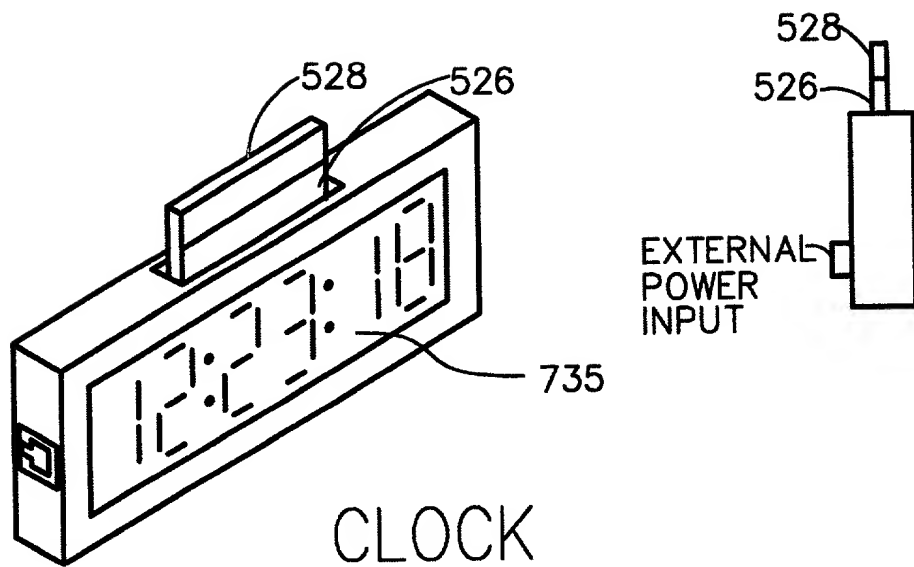
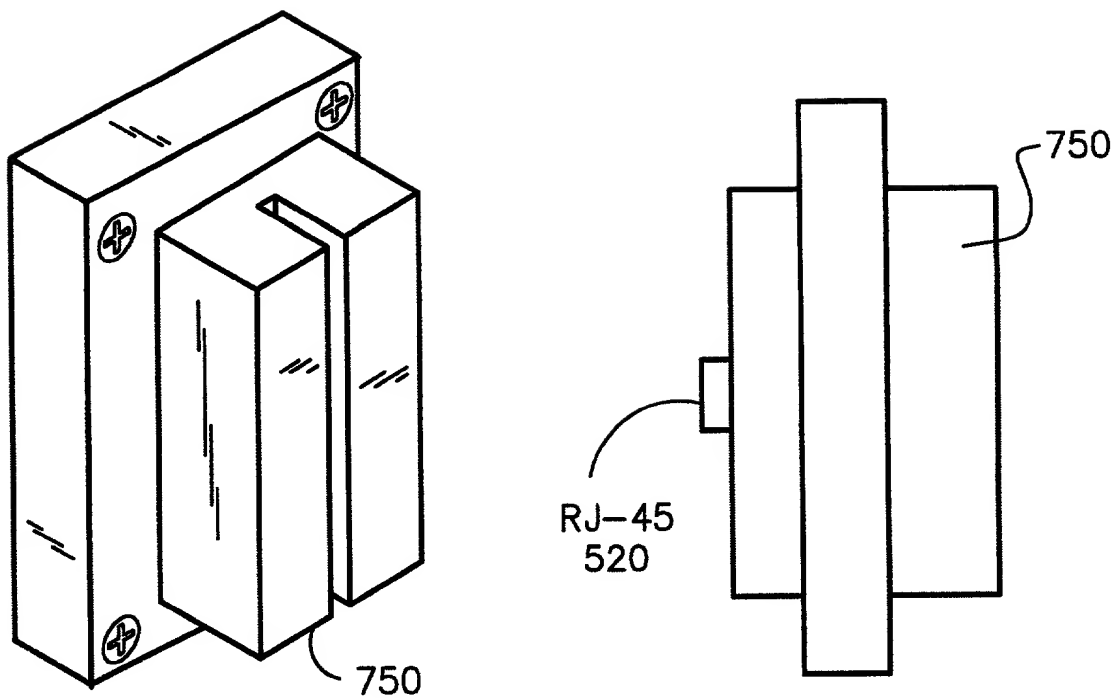


FIG. 32A

+



MAG STRIP READER

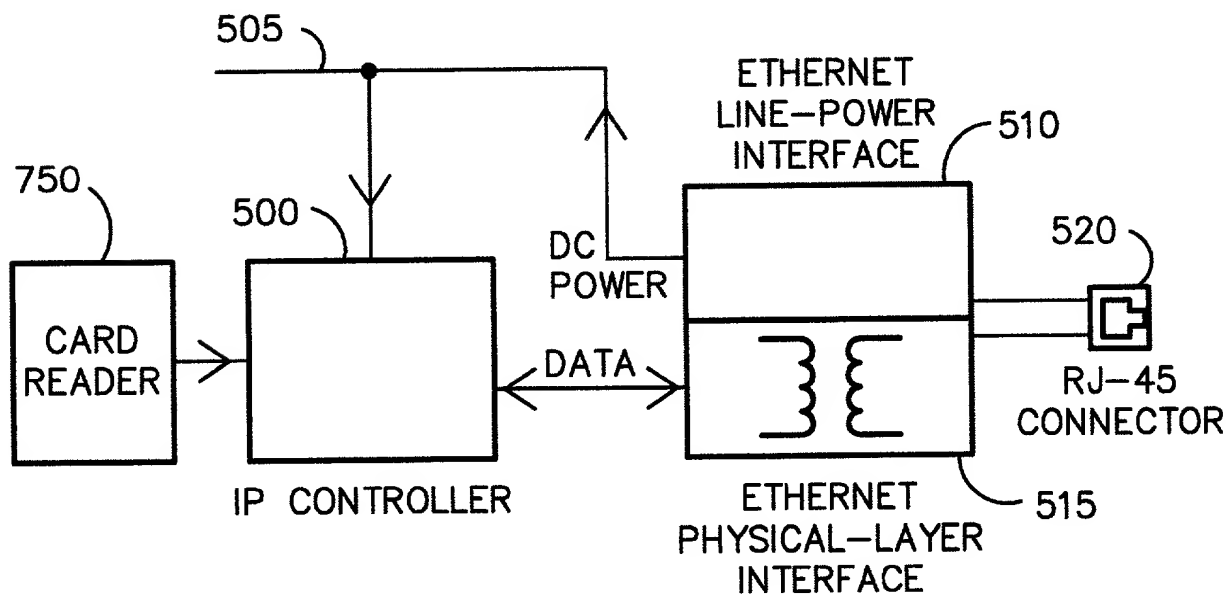
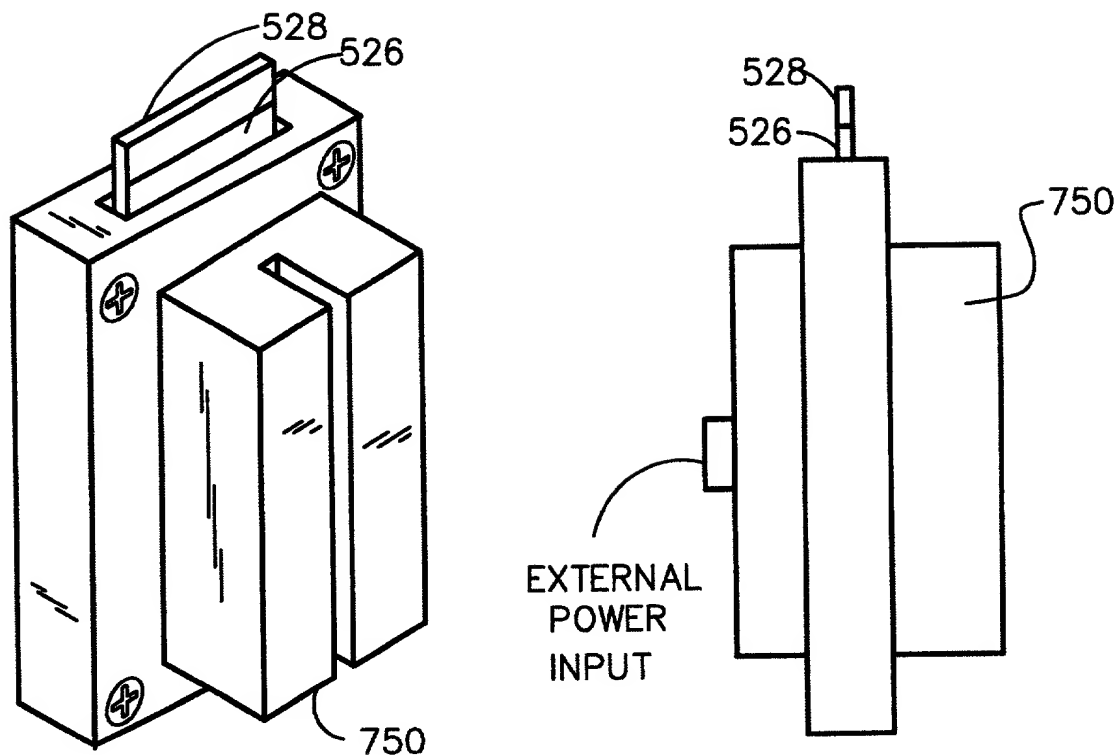


FIG. 33

FIG. 33A



MAG STRIP READER

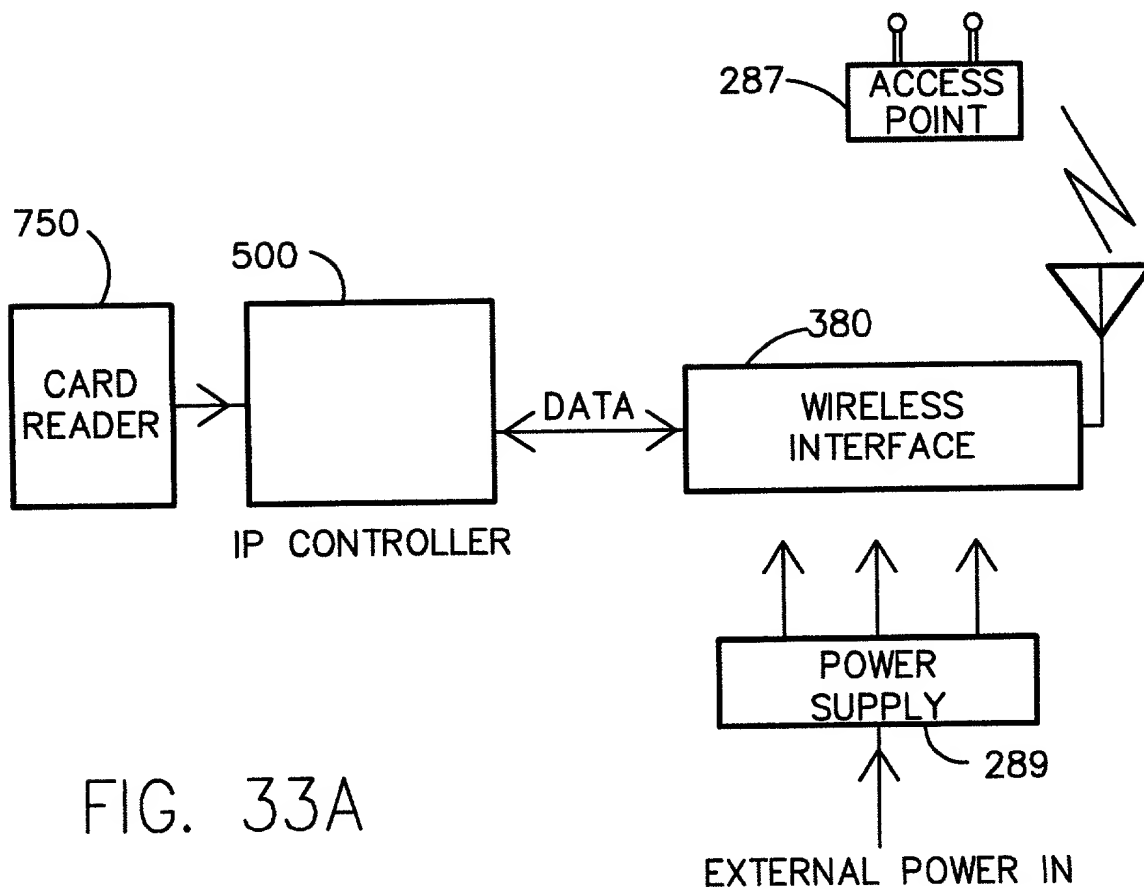
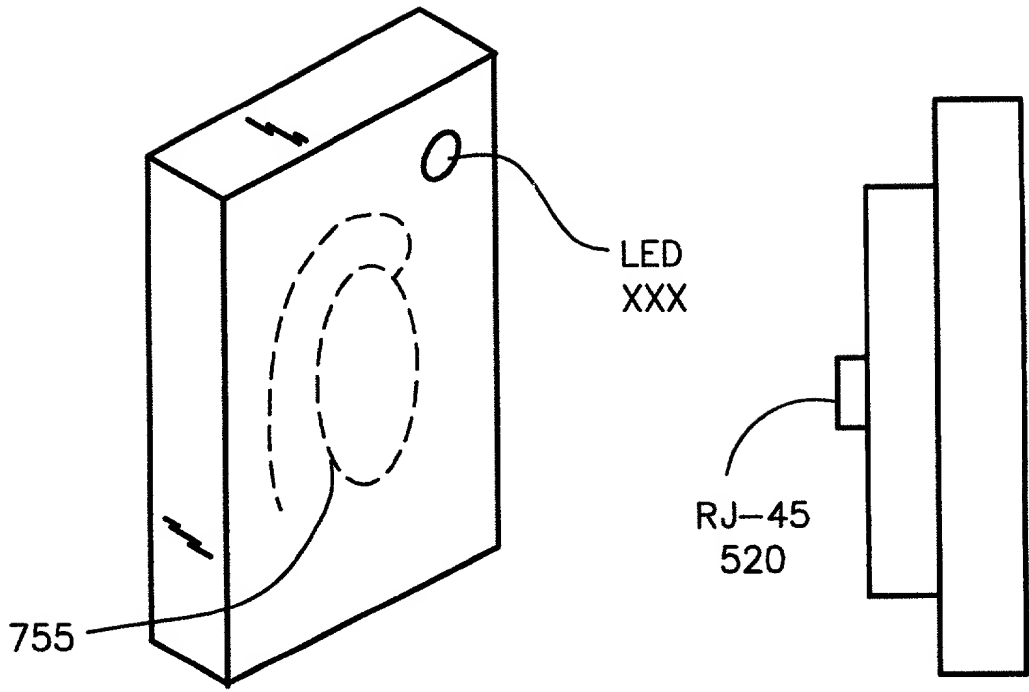


FIG. 33A

FIG. 34



# PROXIMITY CARD READER

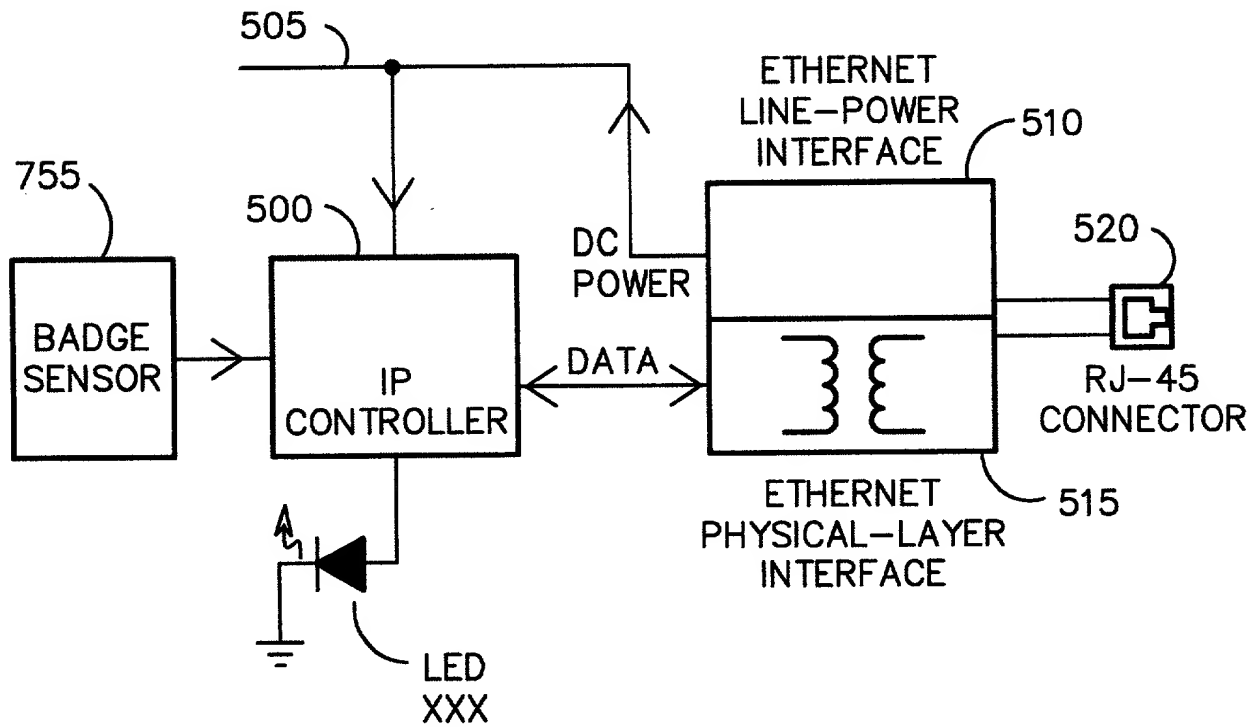
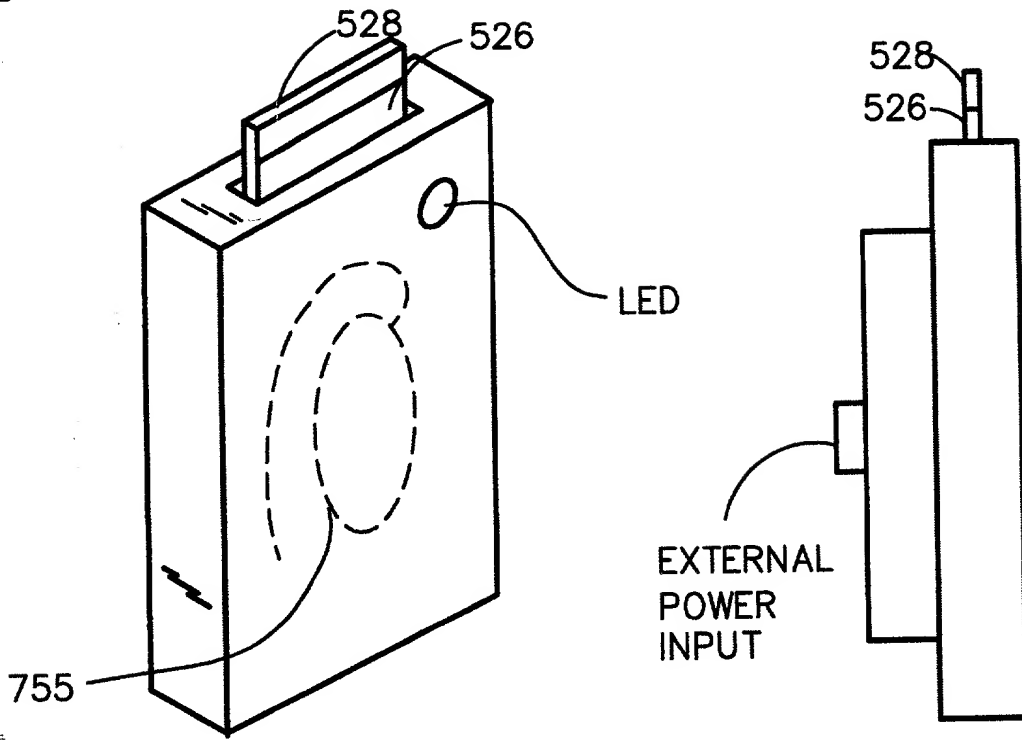


FIG. 34

+



# PROXIMITY CARD READER

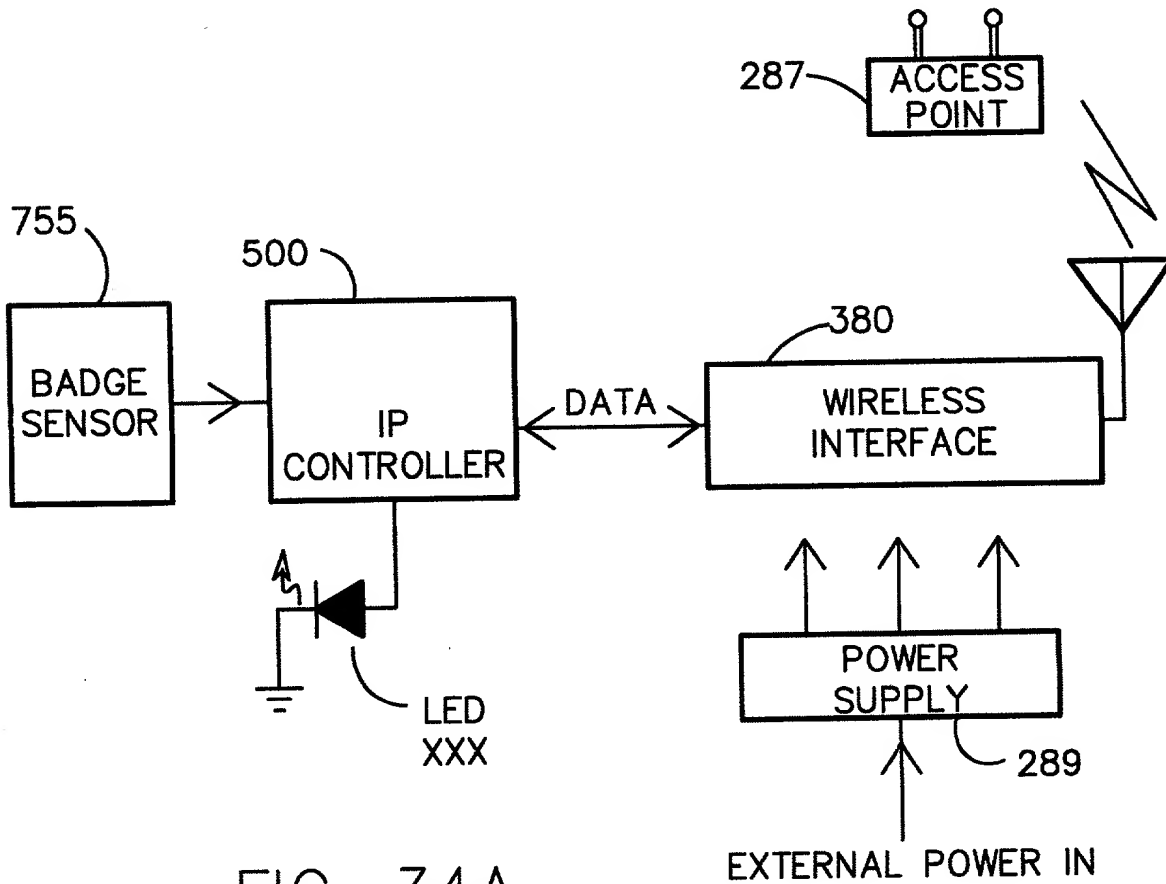


FIG. 34A

FIG. 34A

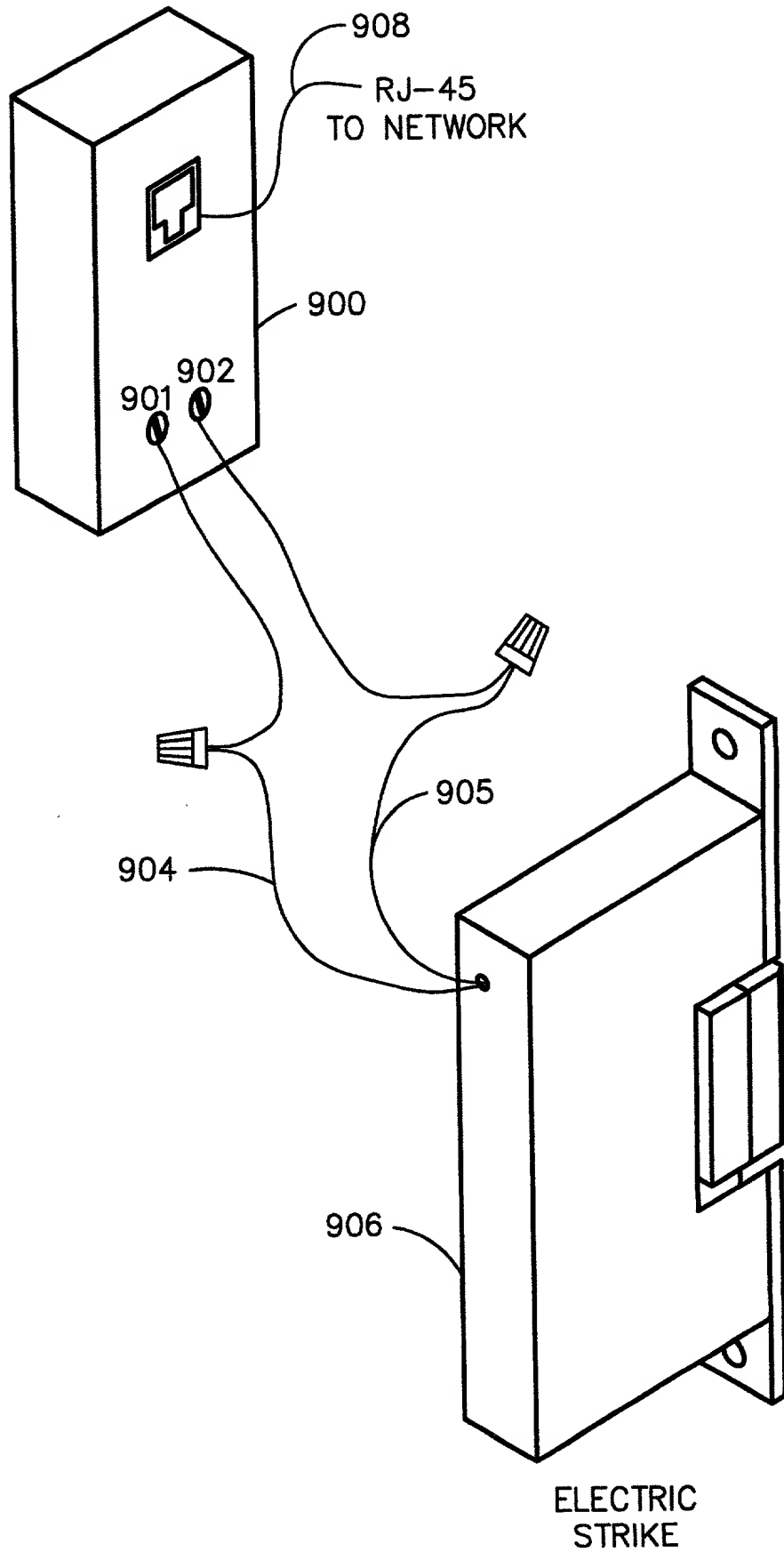


FIG. 35

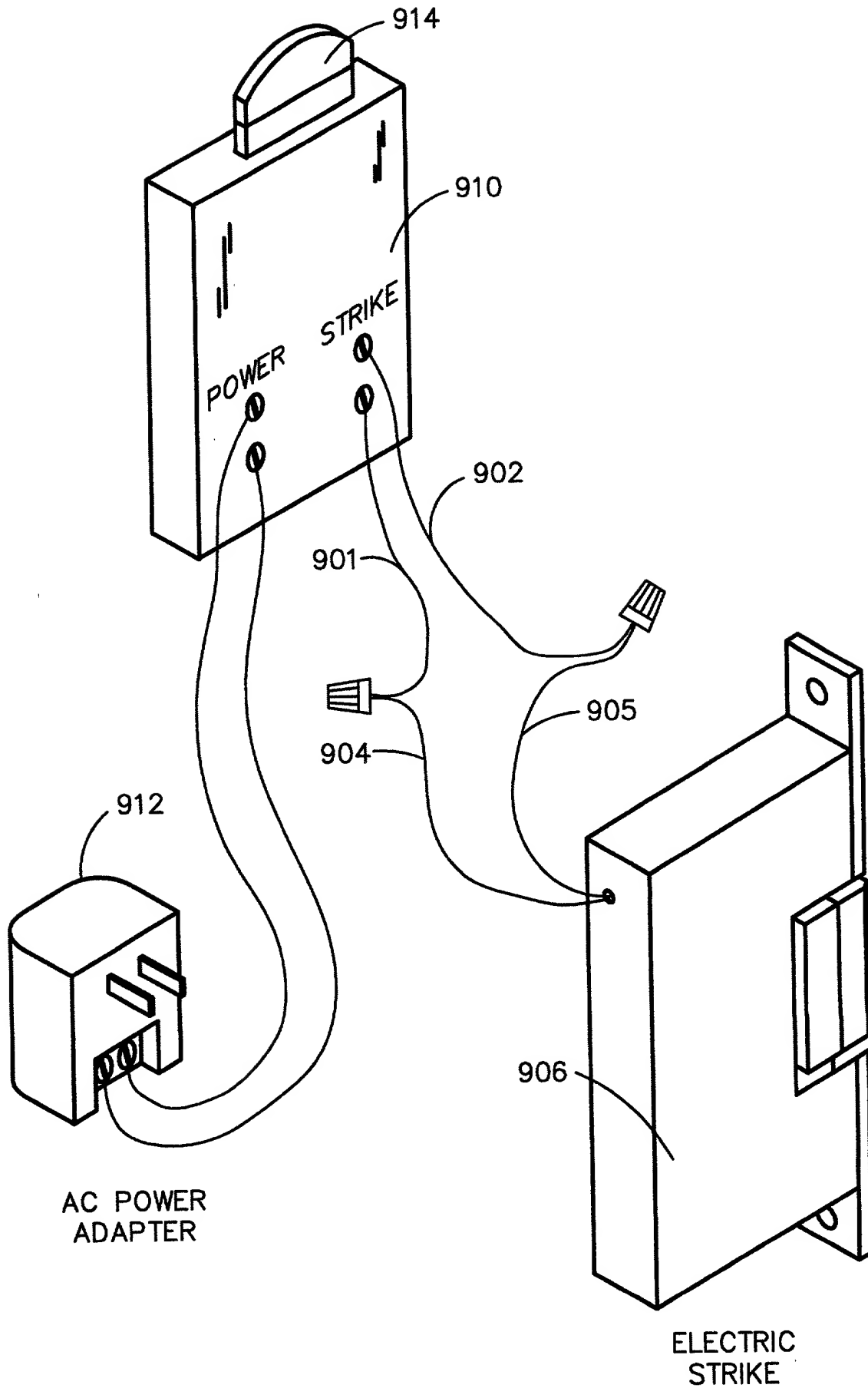


FIG. 35A

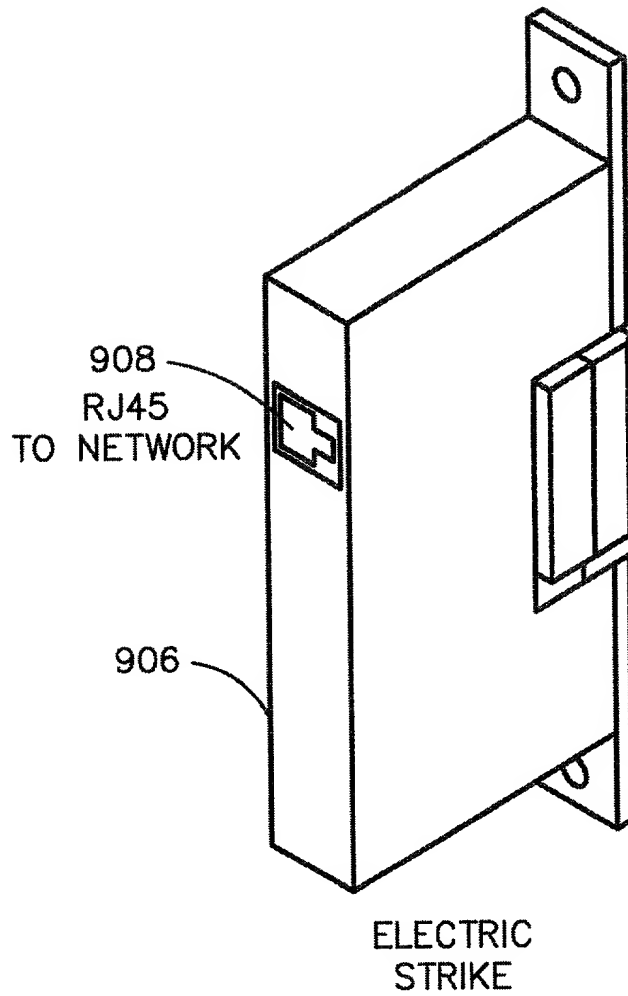


FIG. 35B



+

096340-094

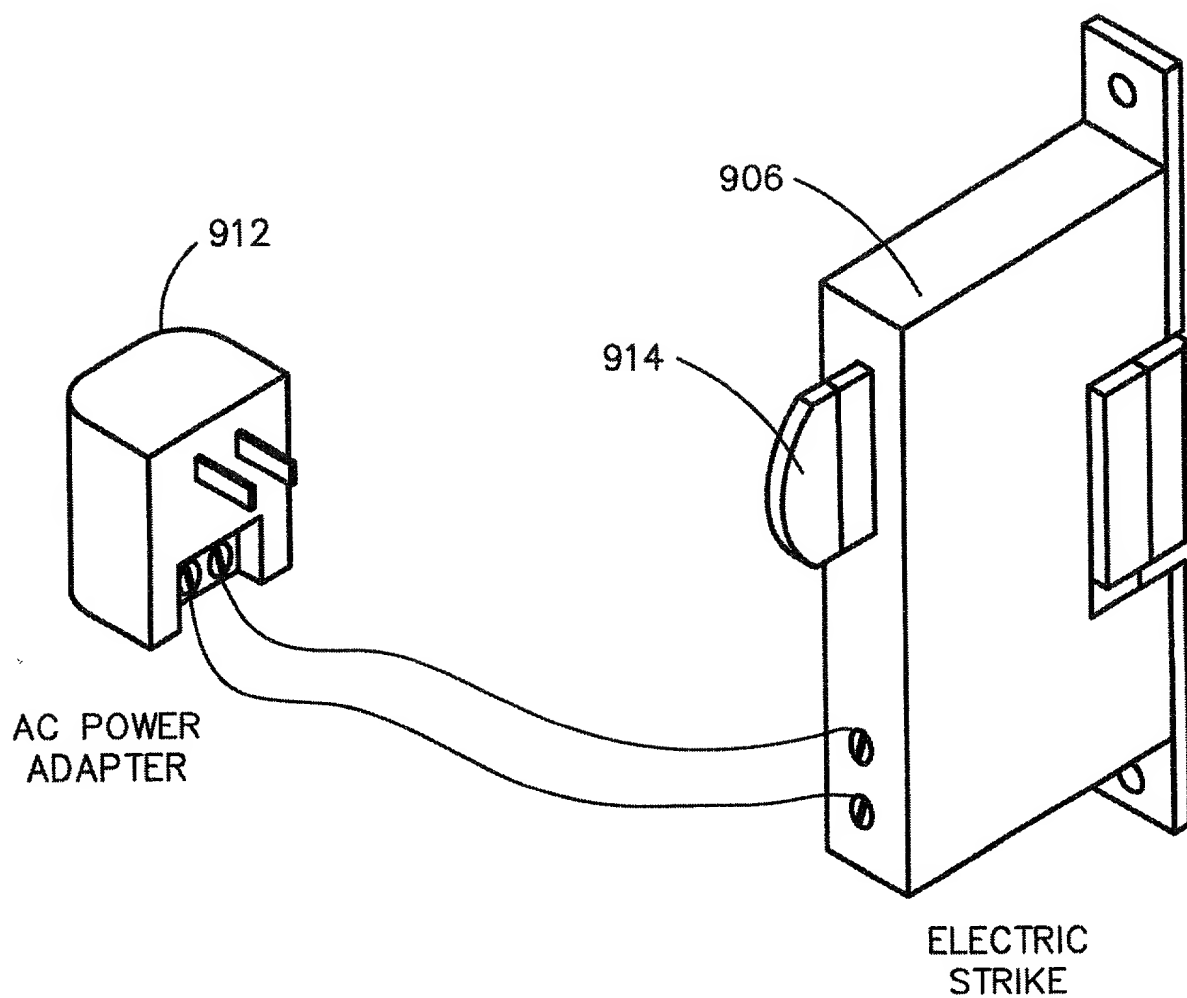


FIG. 35C

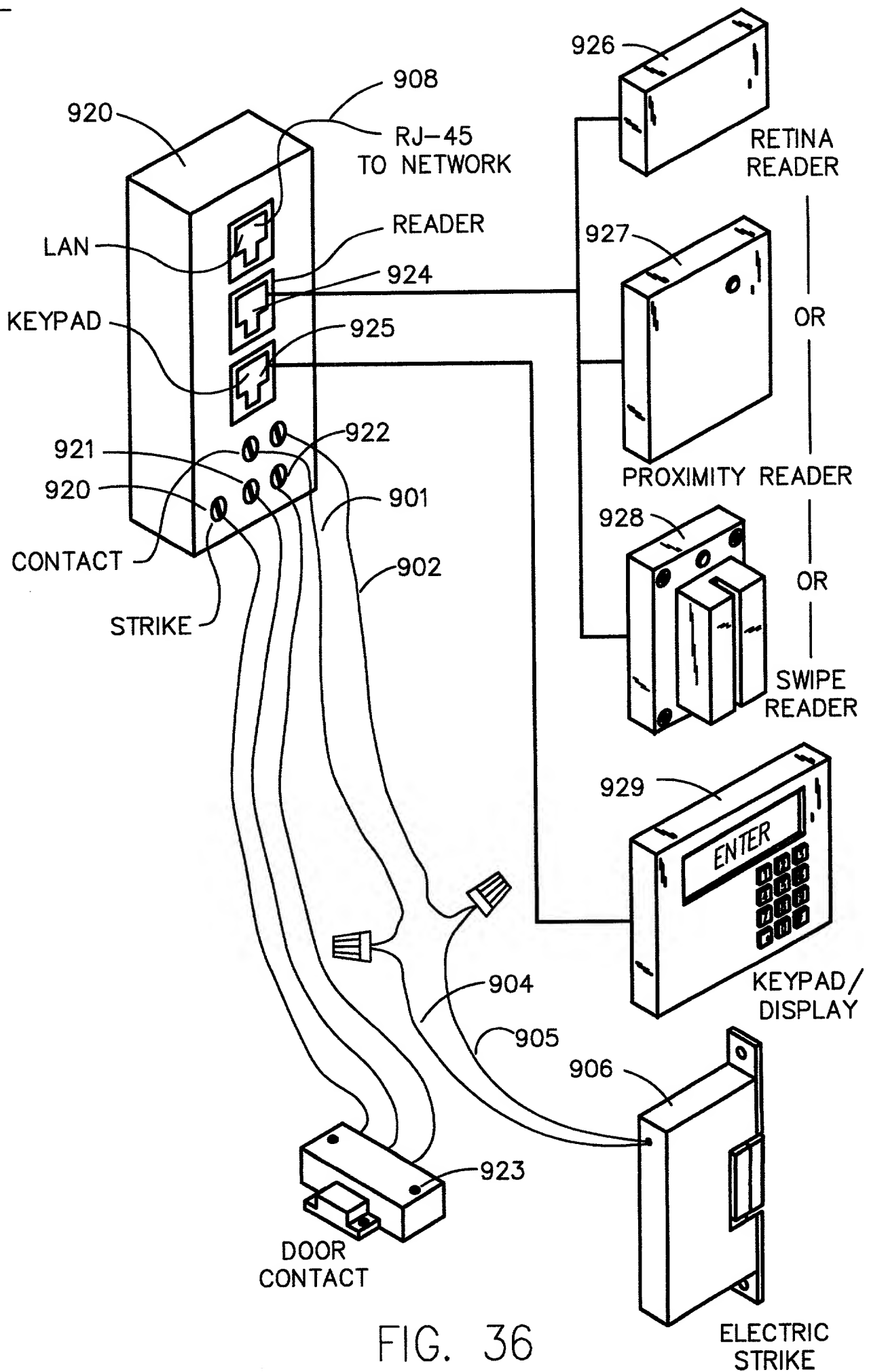


FIG. 36

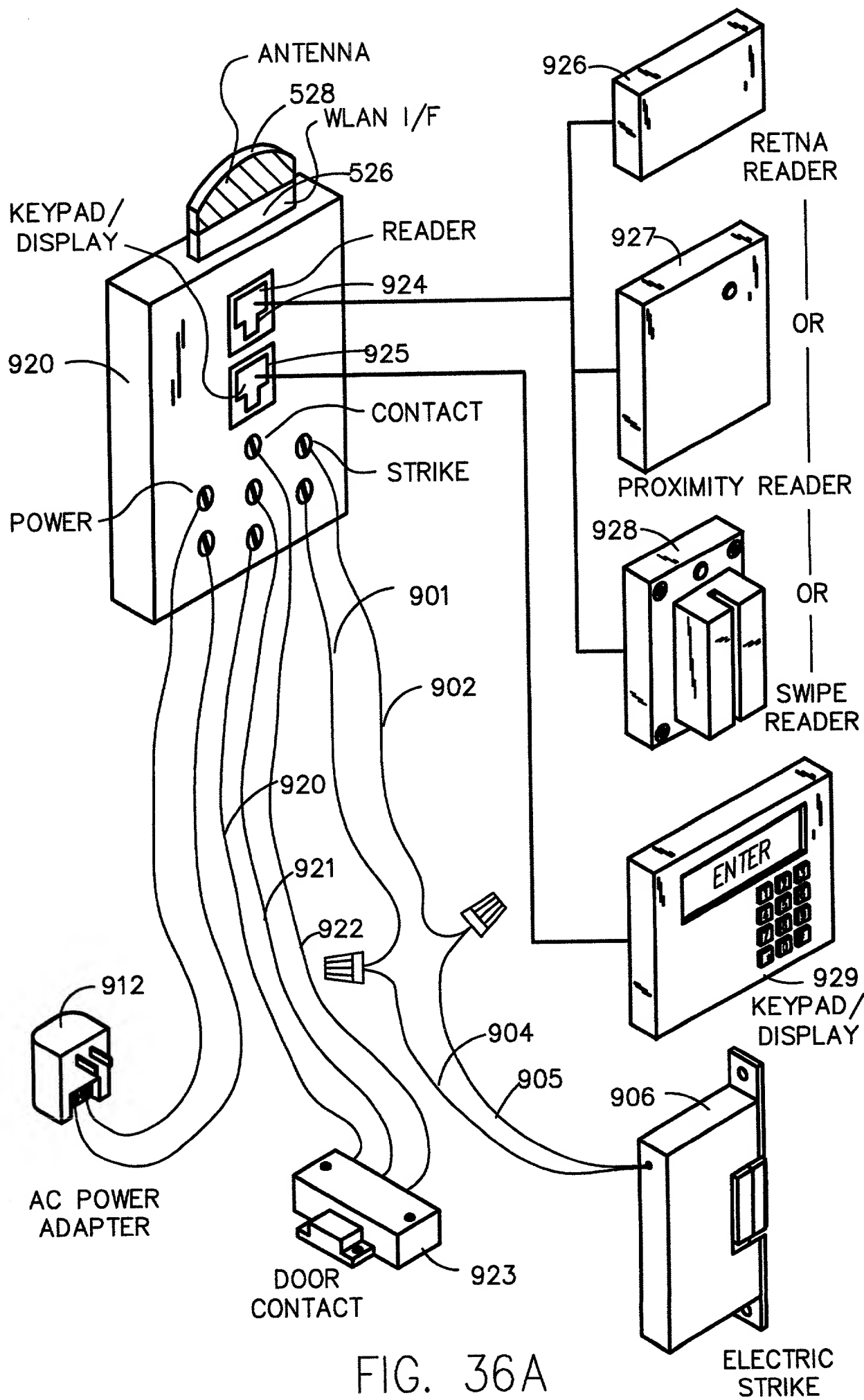


FIG. 36A

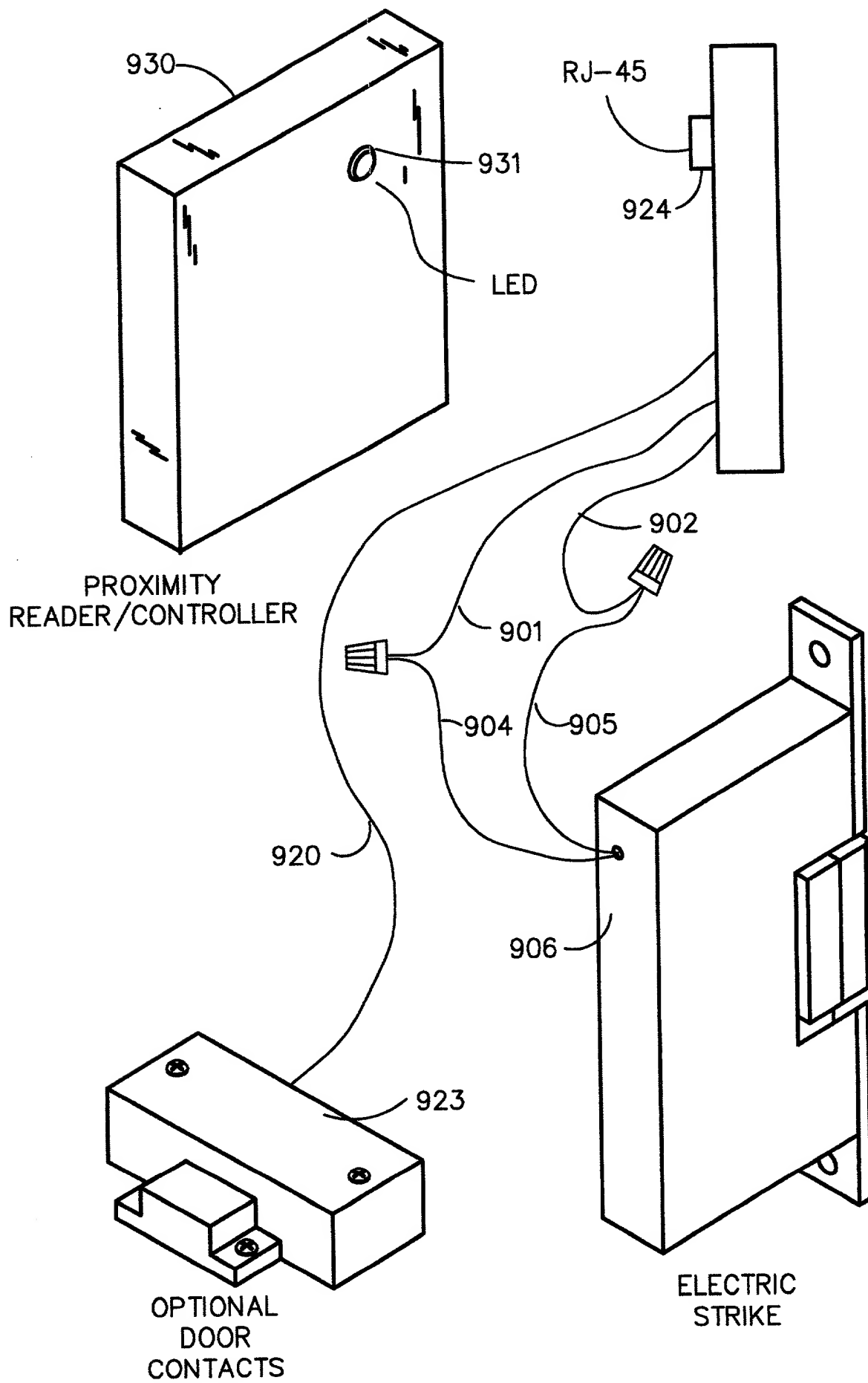


FIG. 37

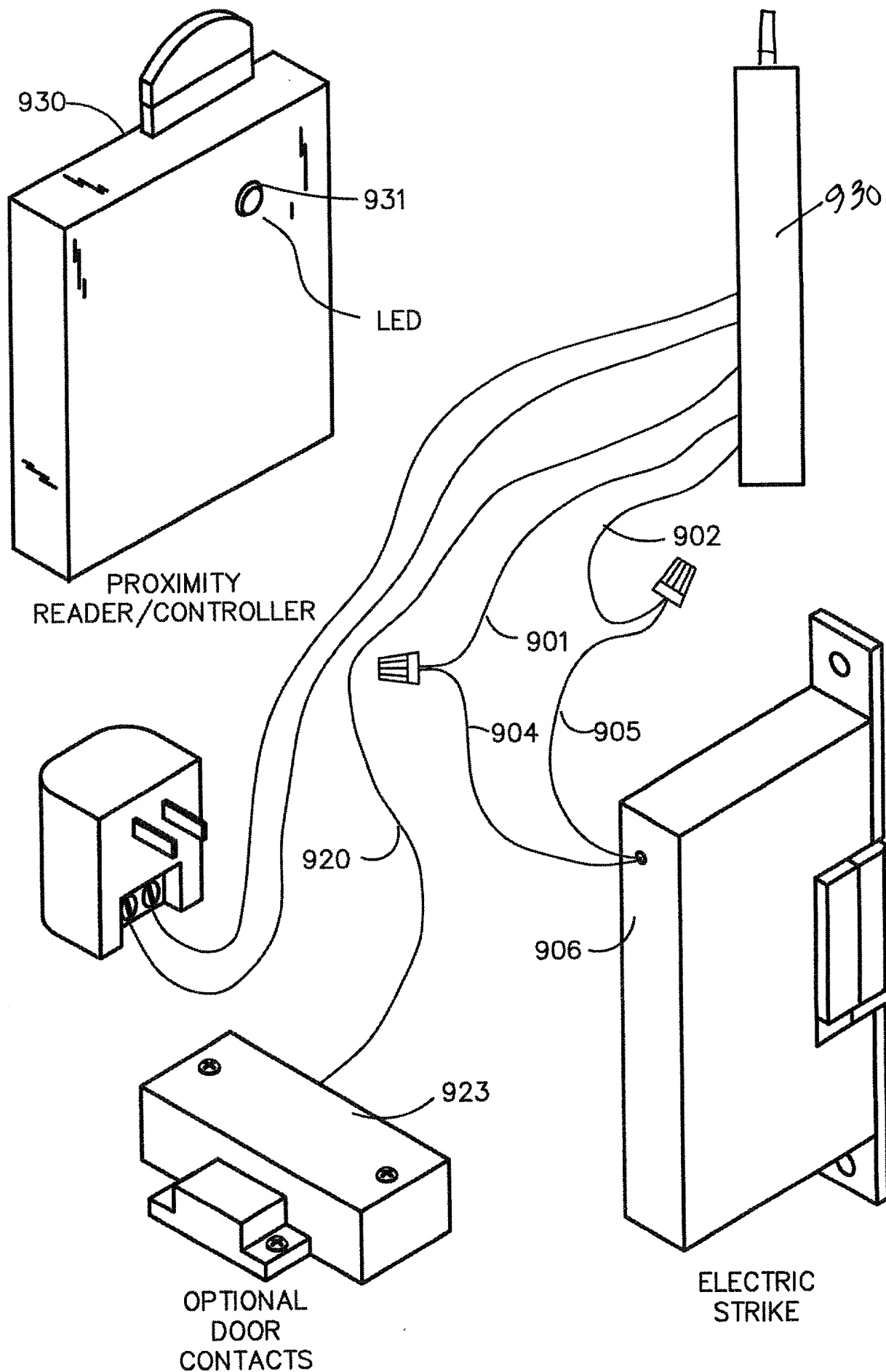


FIG. 37A

+

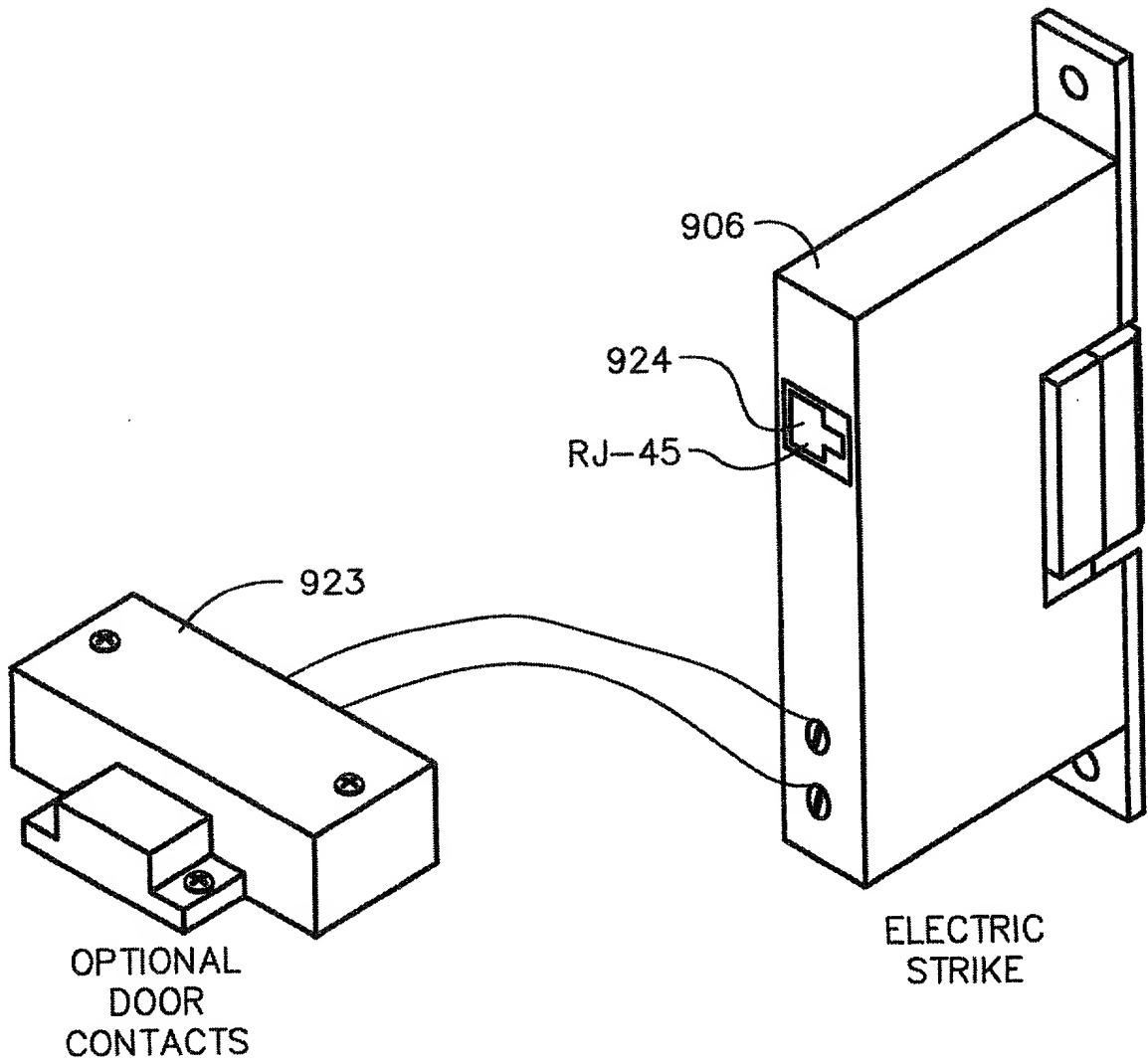


FIG. 37B

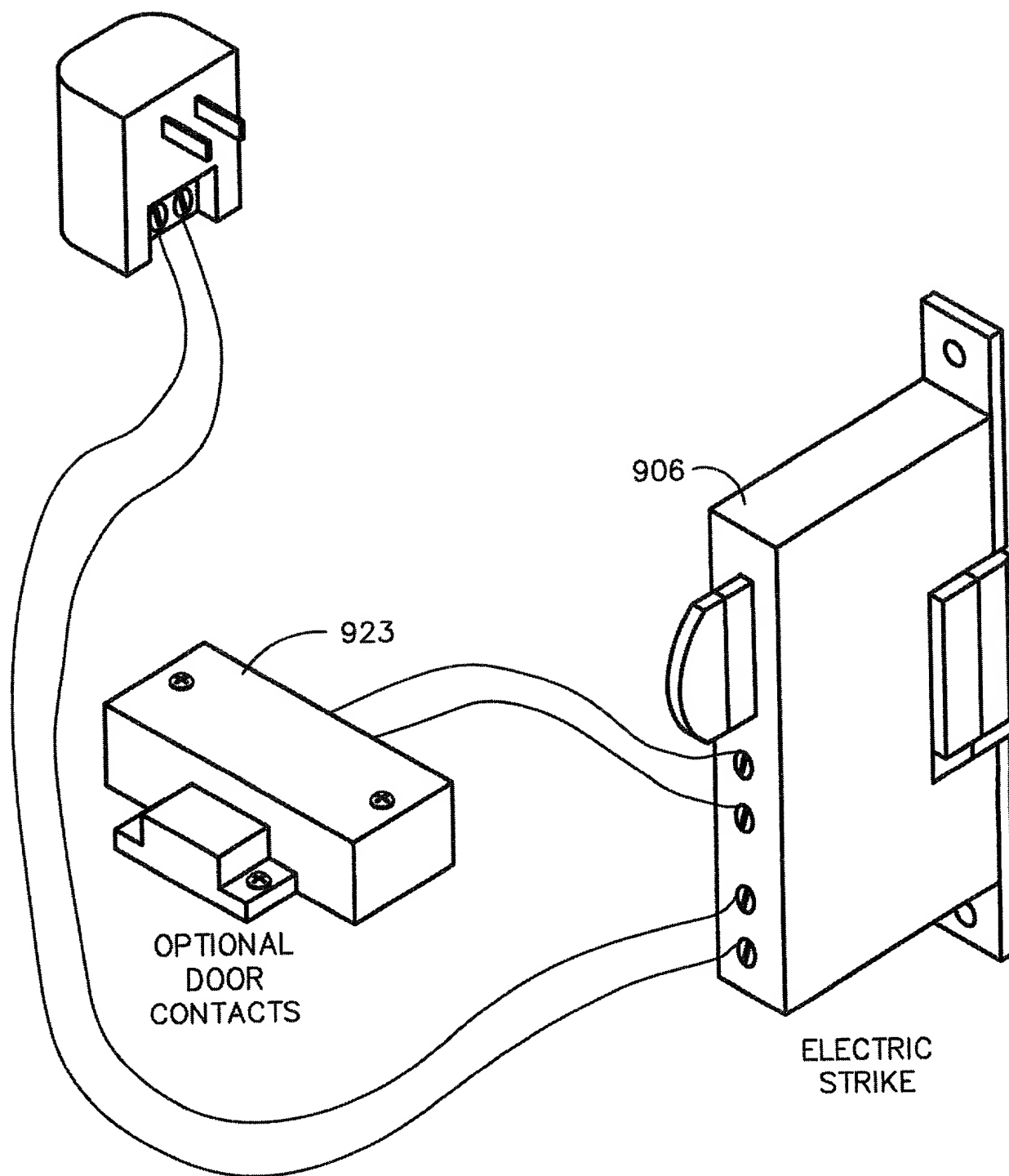


FIG. 37C

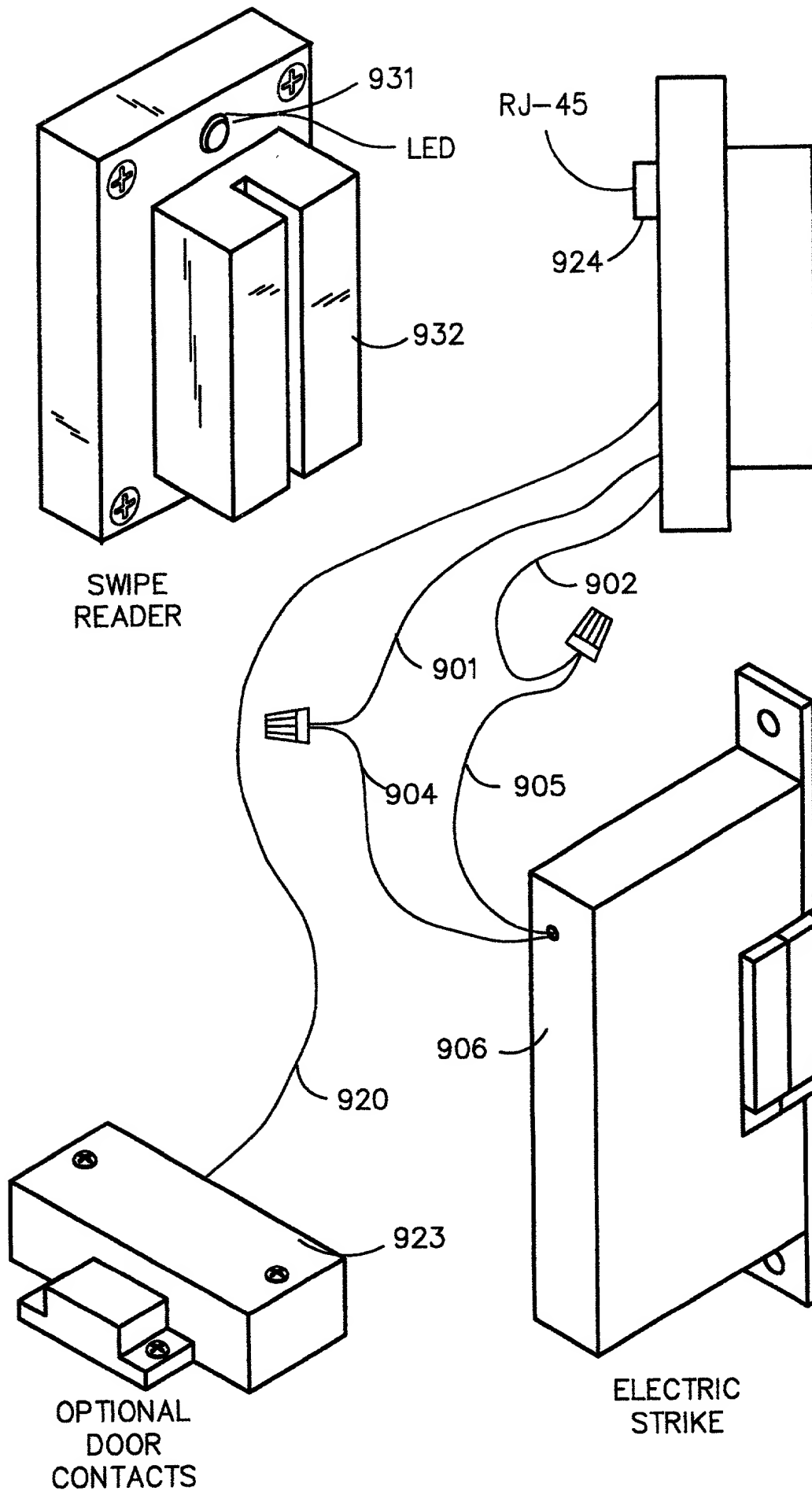


FIG. 38



FIG. 38A

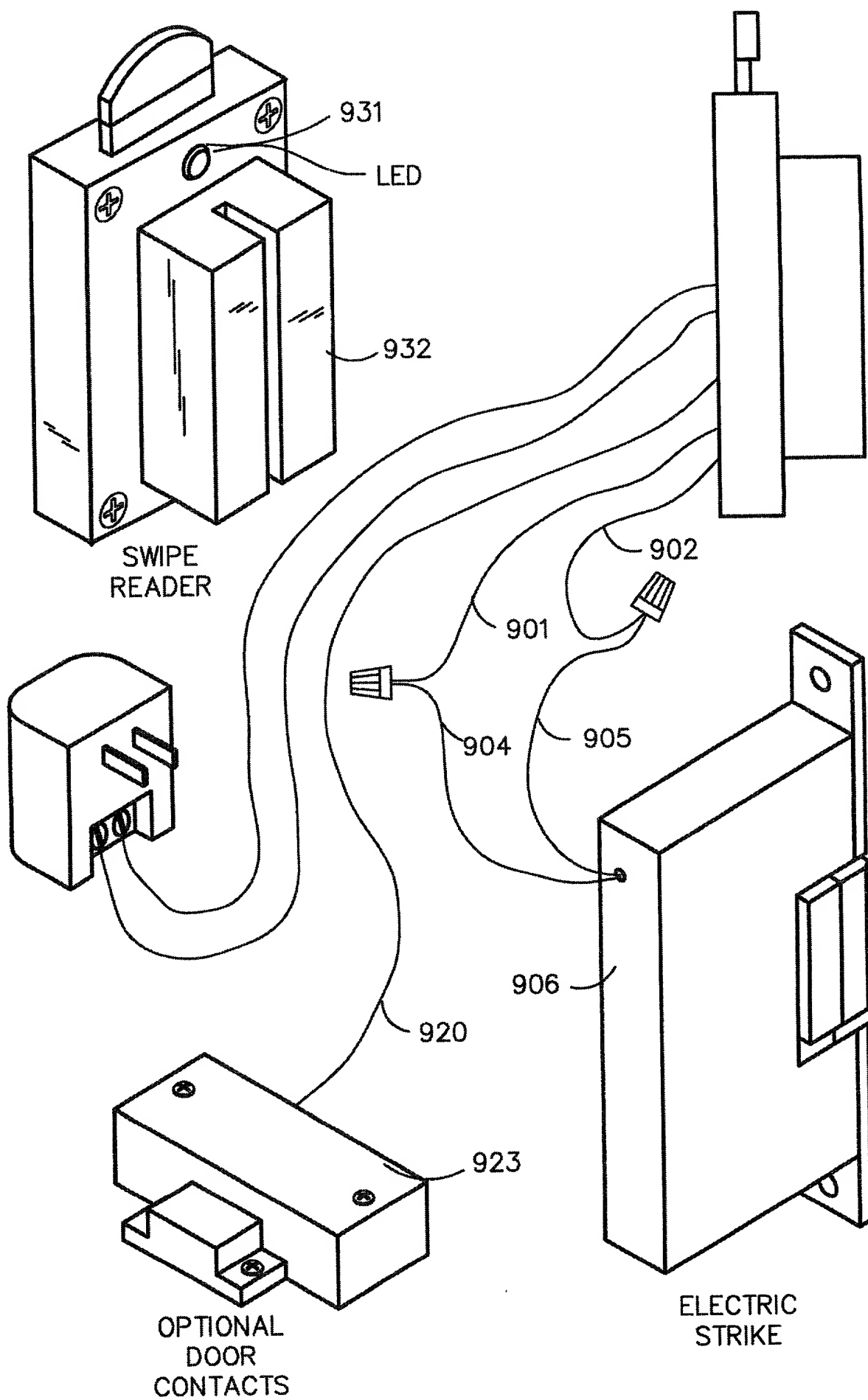


FIG. 38A

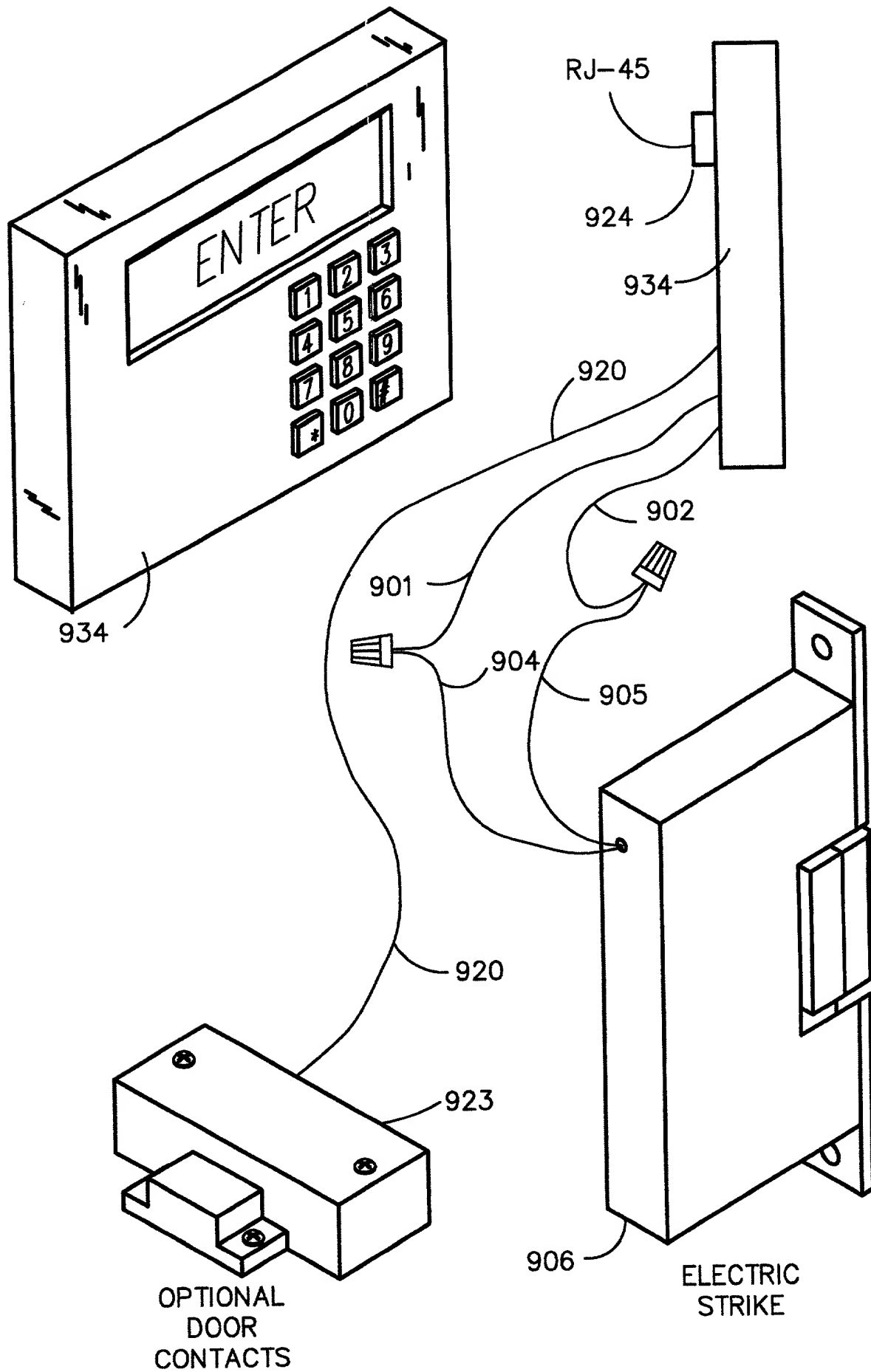


FIG. 39

+

FIG. 39A

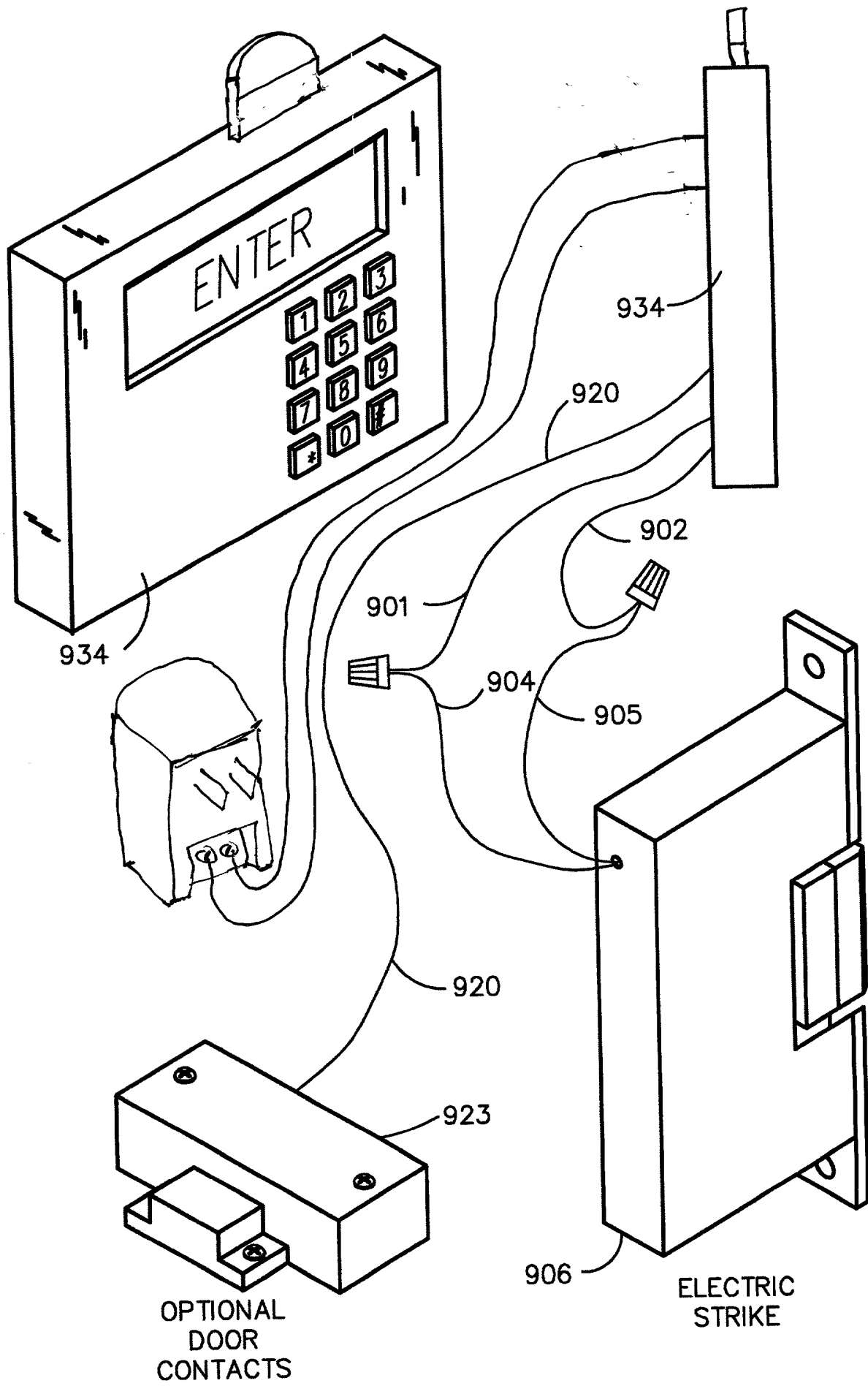


FIG. 39A

⊥

+

FIG. 20 OF 20

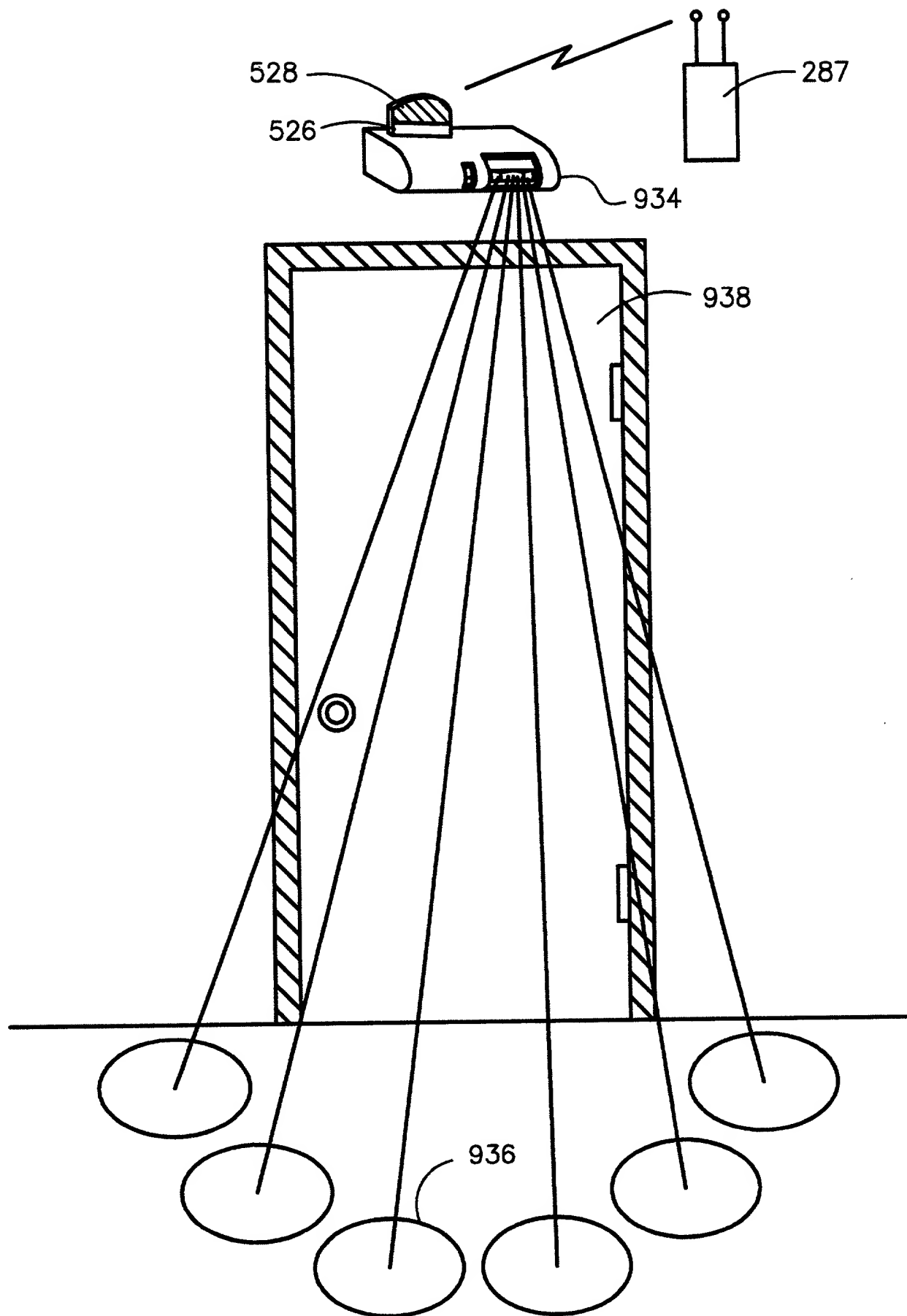
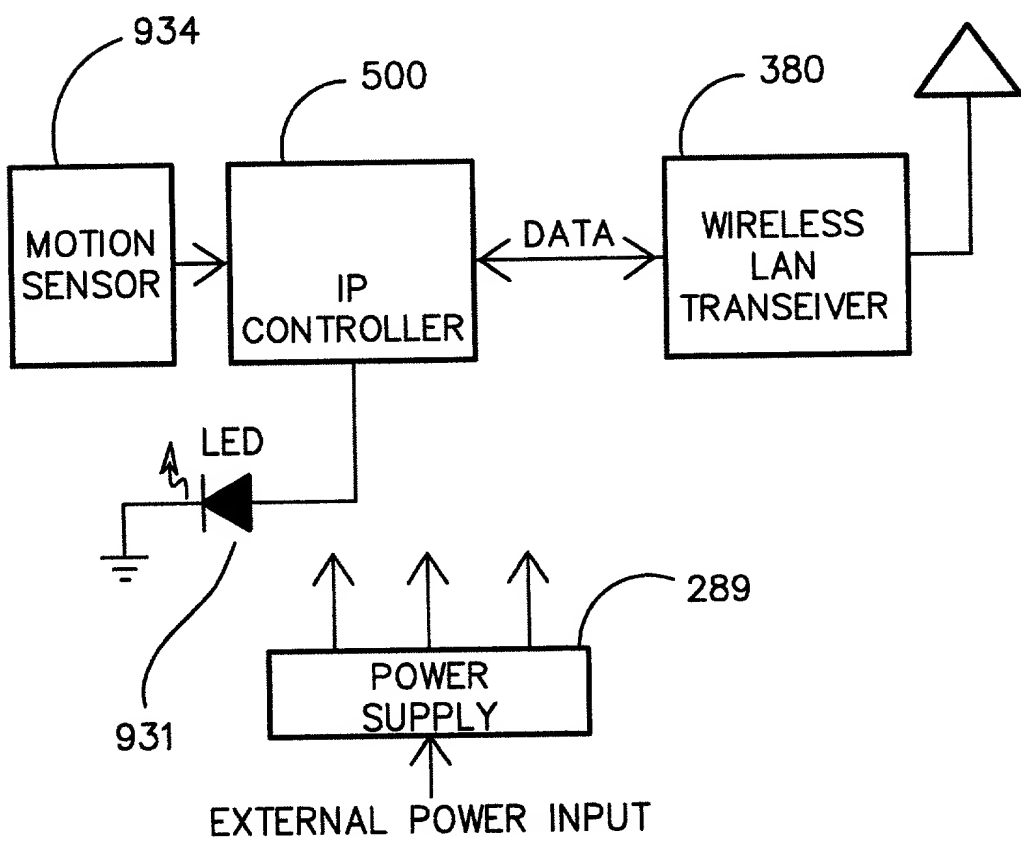
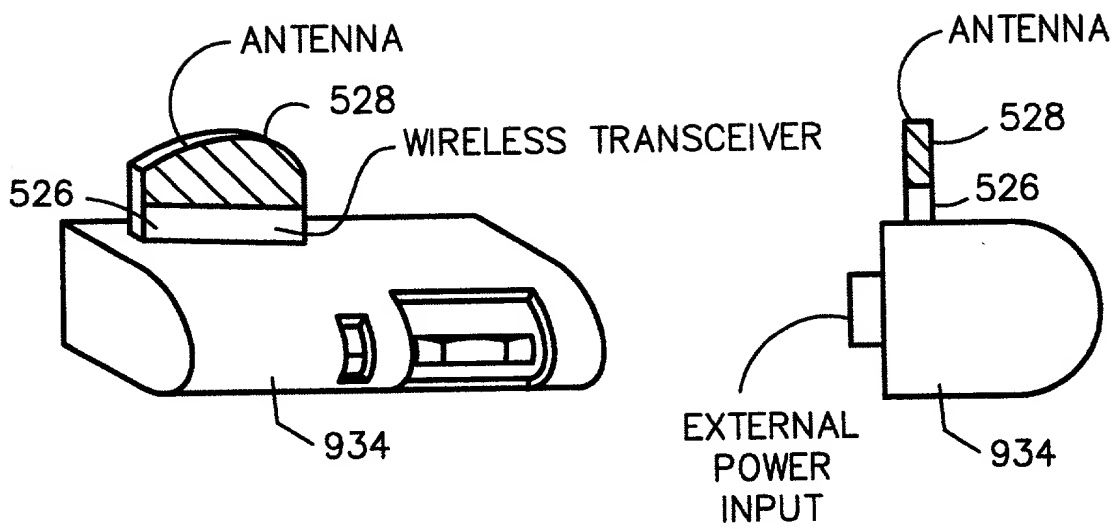


FIG. 40

FIG. 40A



WIRELESS EXIT SENSOR

FIG. 40A

+

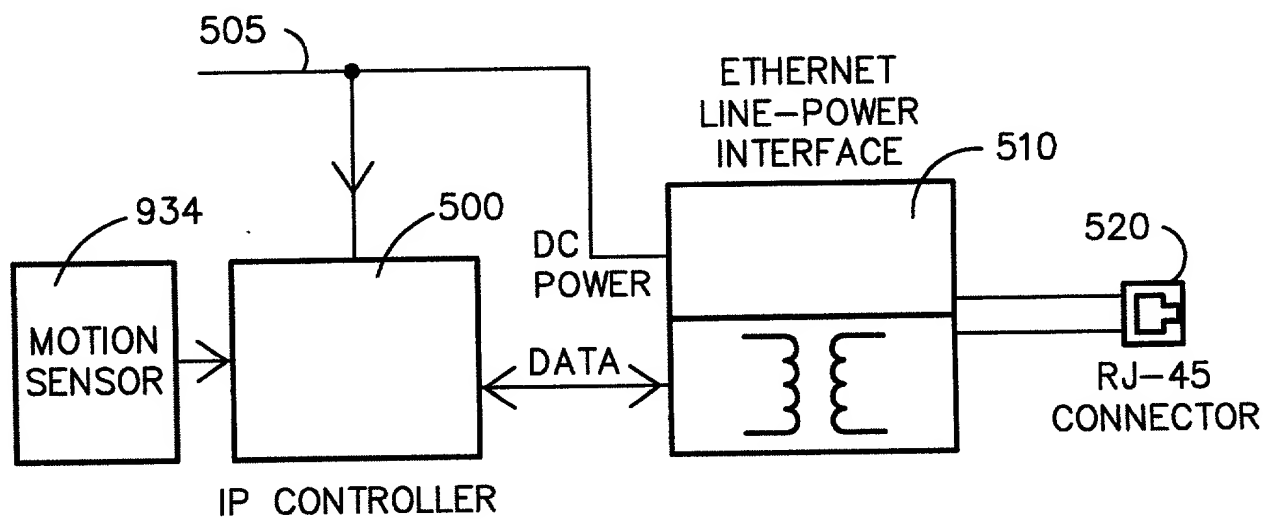
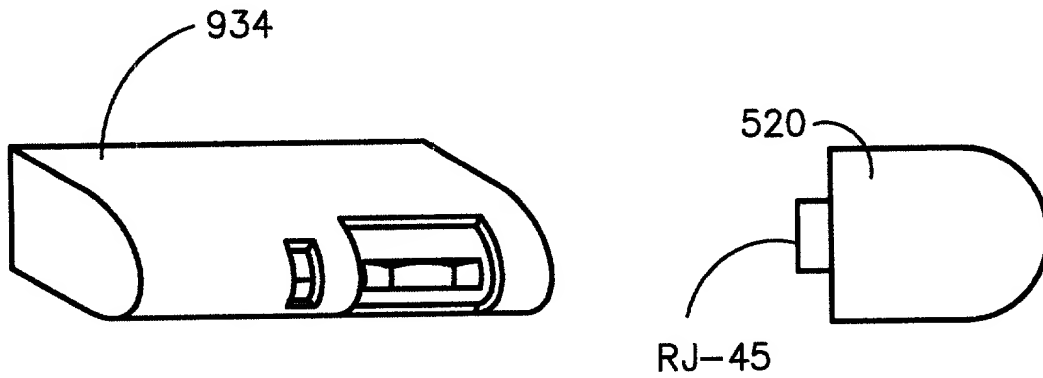


FIG. 40B

FIG. 40C

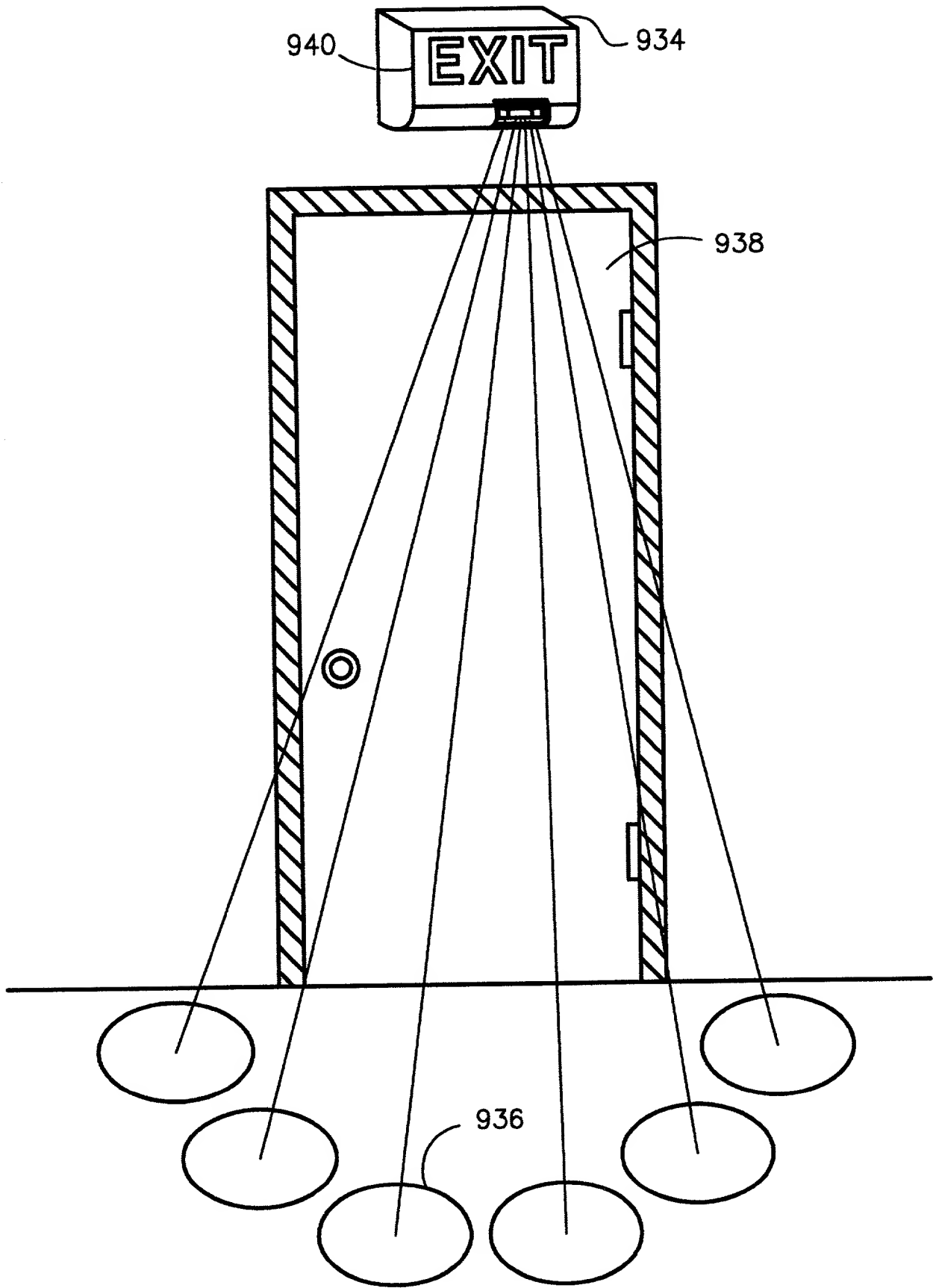


FIG. 40C

+

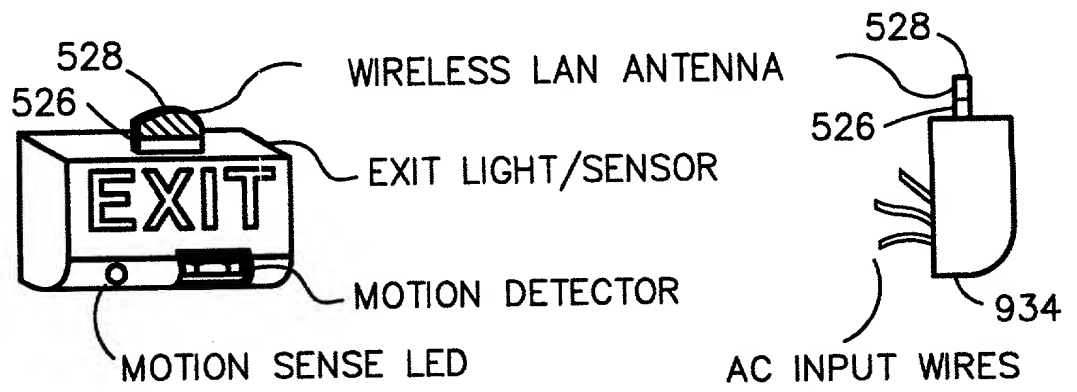


FIG. 40A

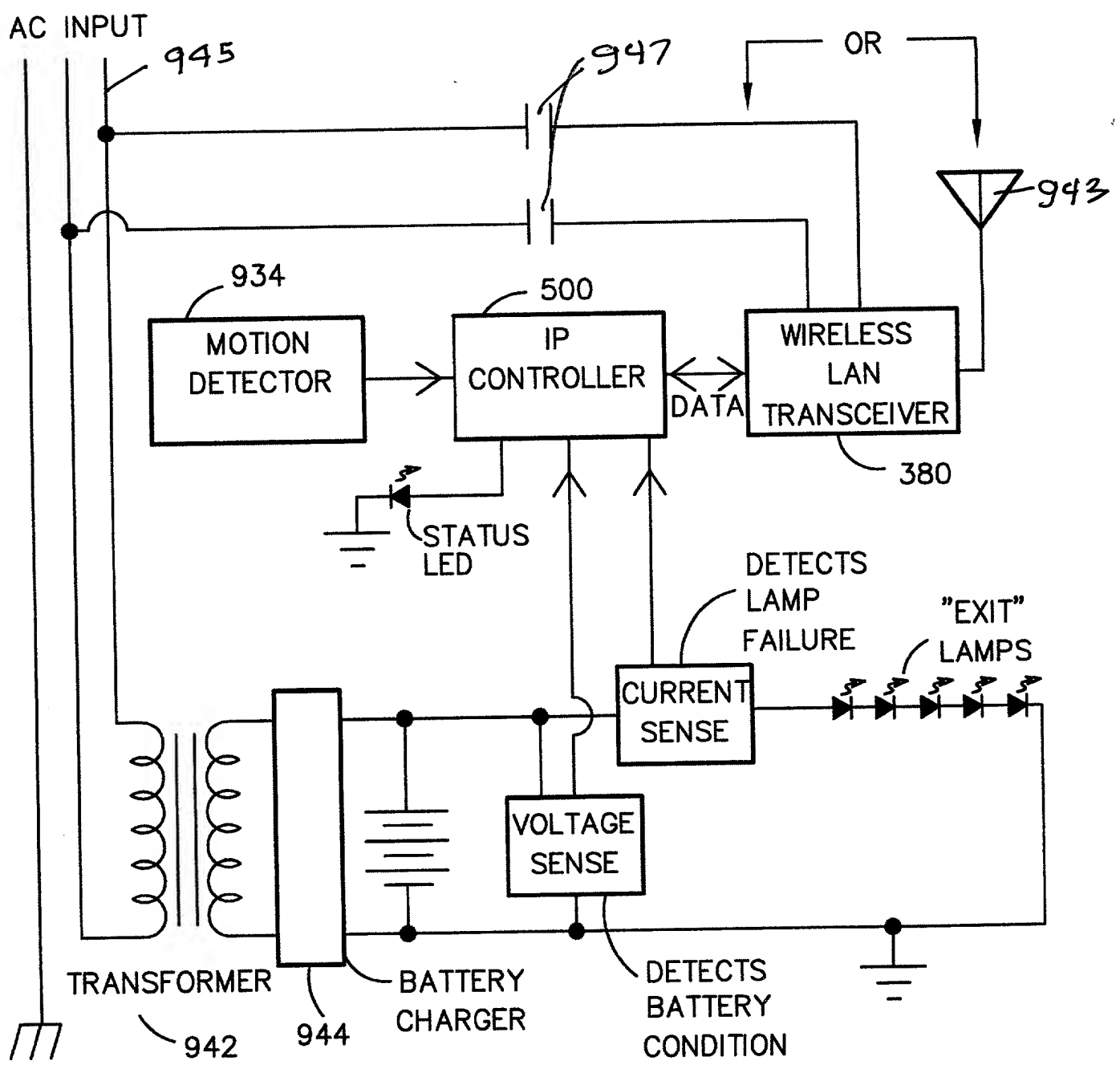


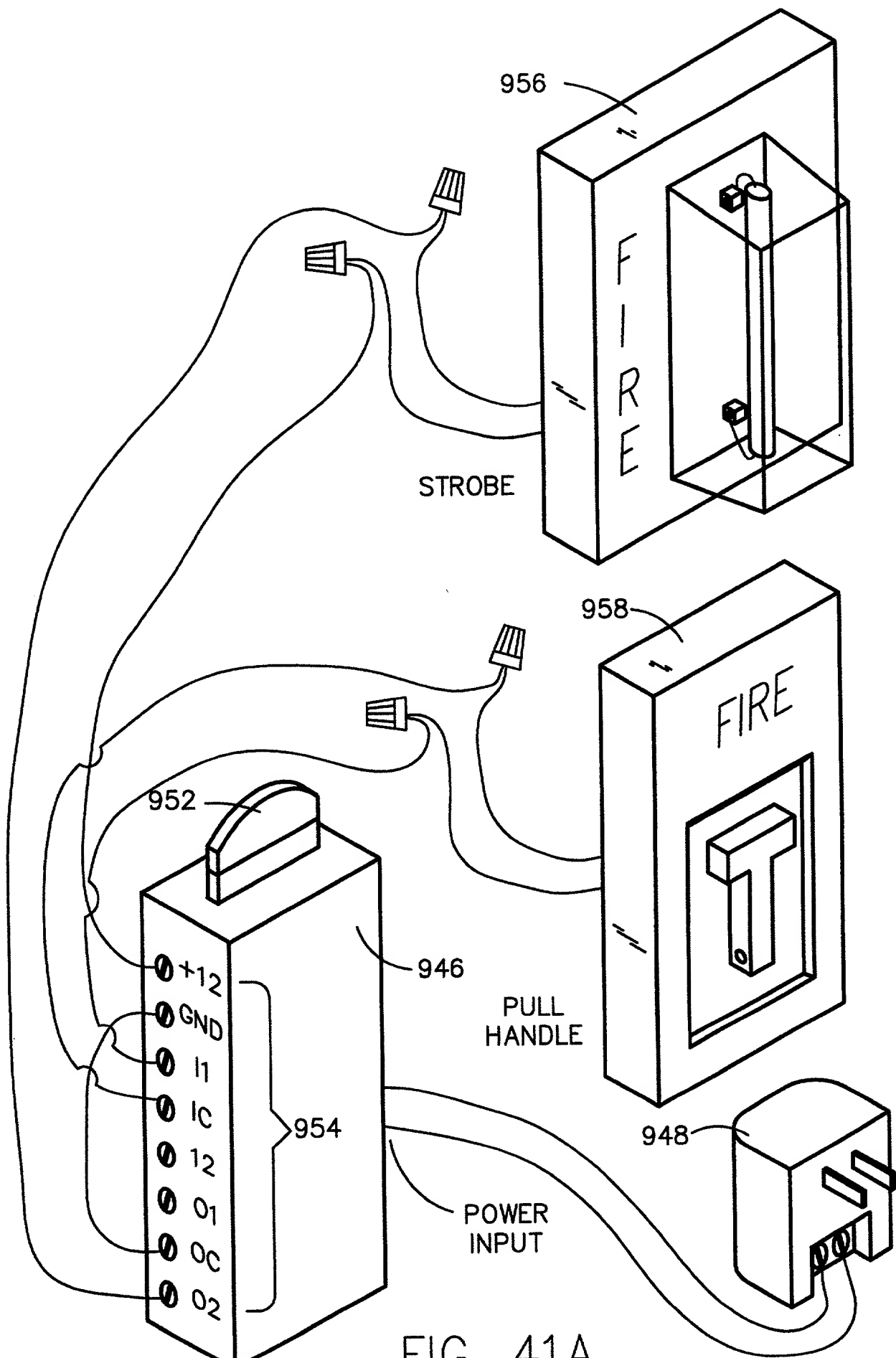
FIG. 40A



+



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T0250-05T050



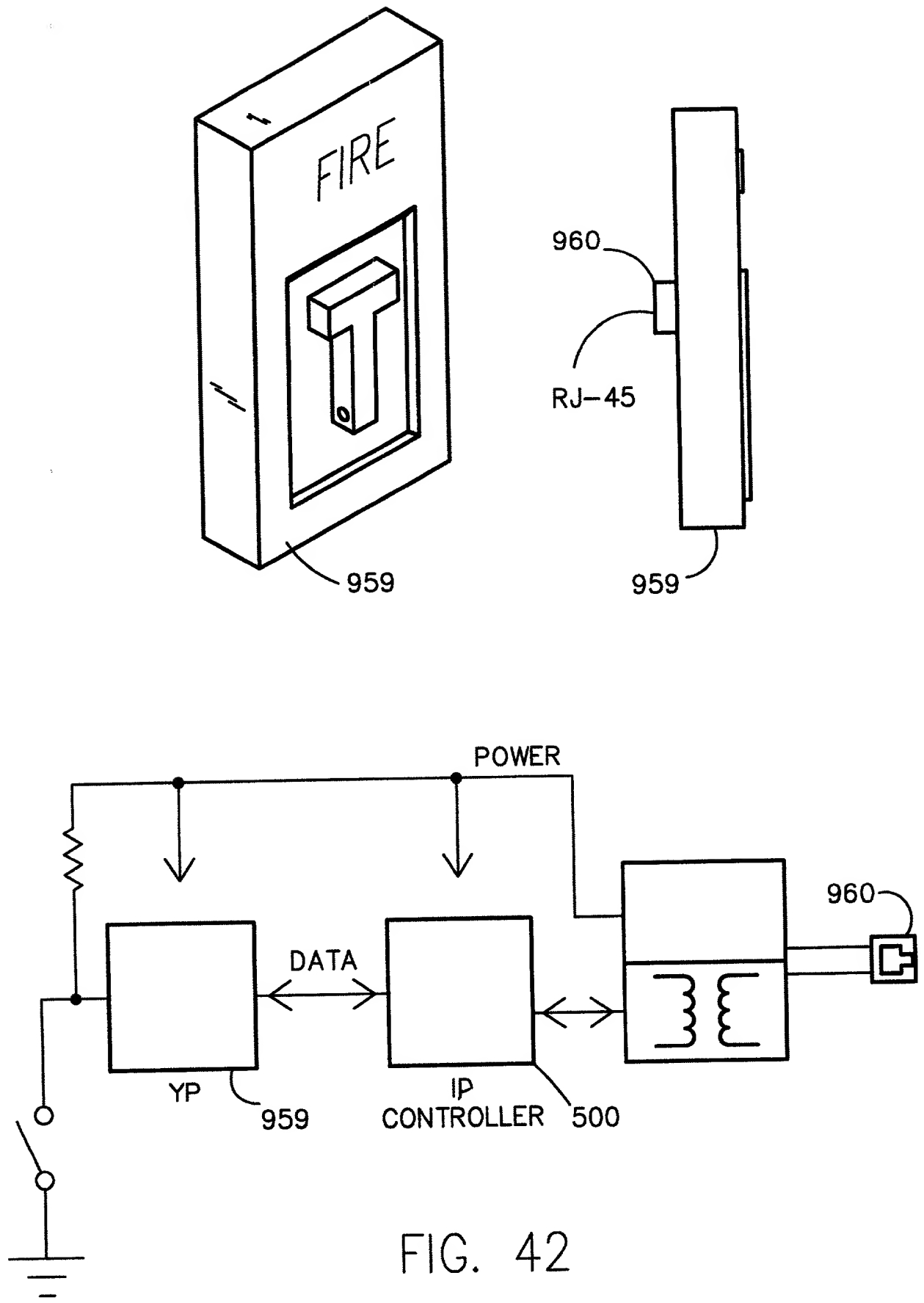
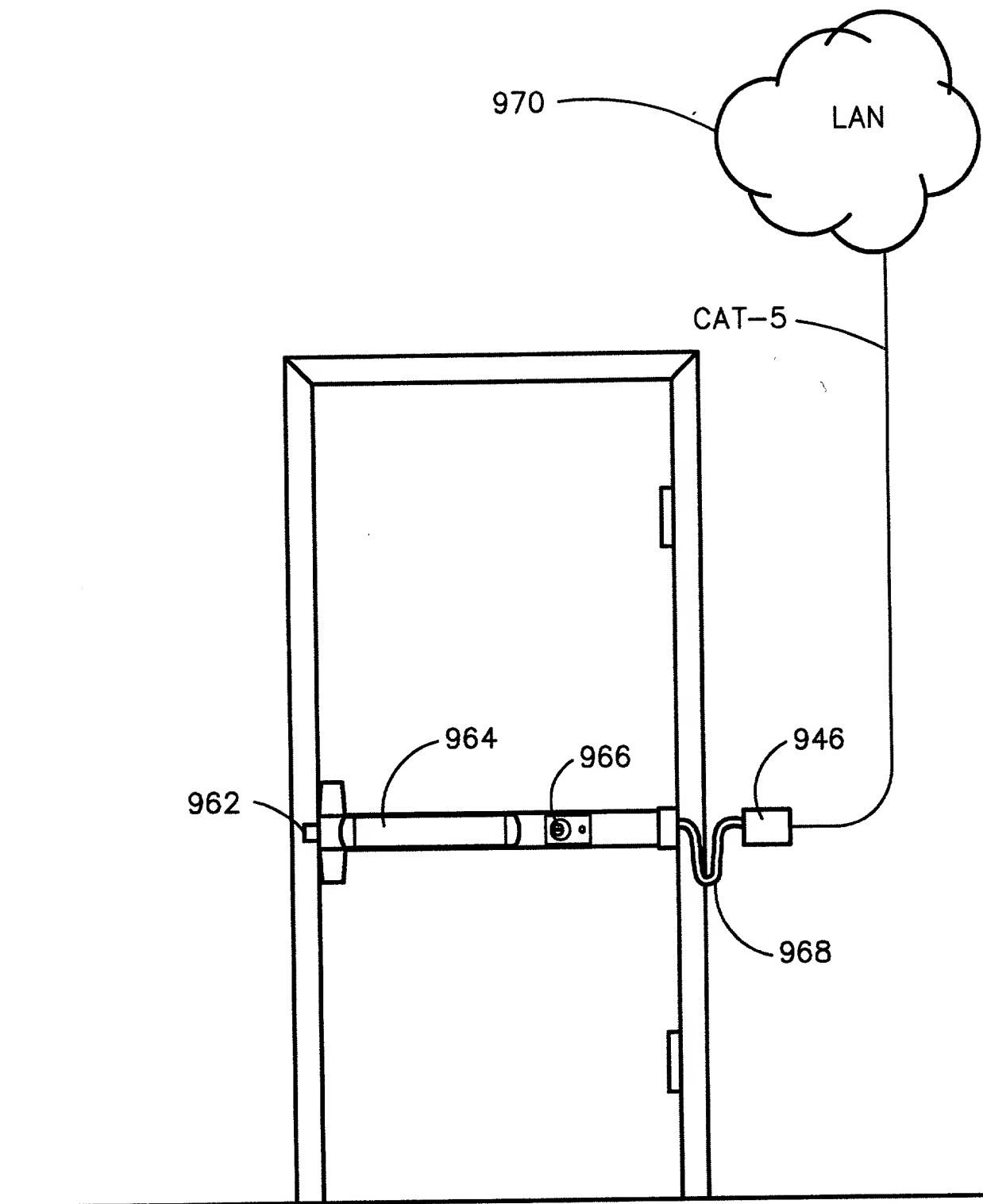


FIG. 42

WIRED PULL HANDLE

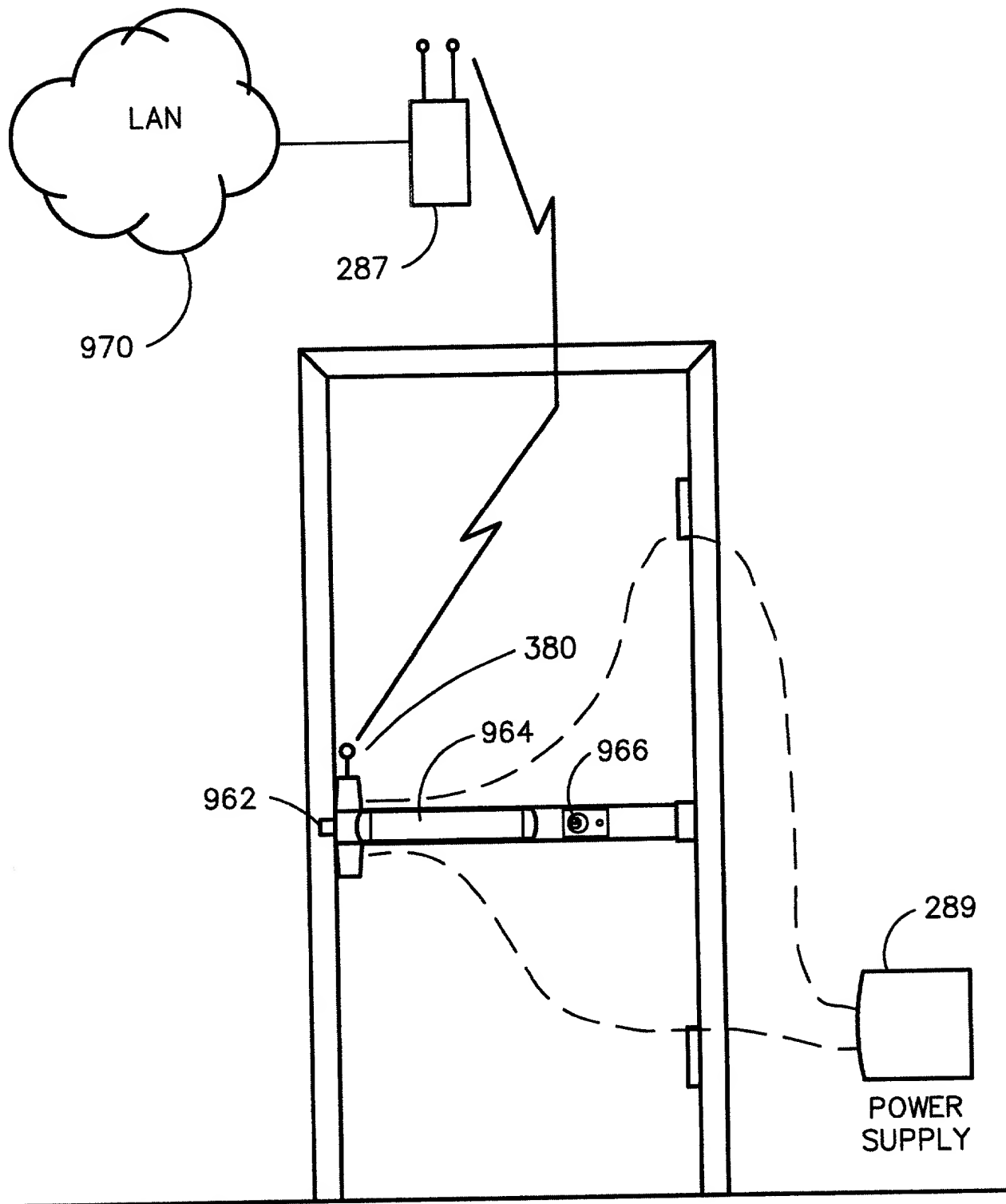


FIG. 43



WIRED EXIT DEVICE

FIG. 43

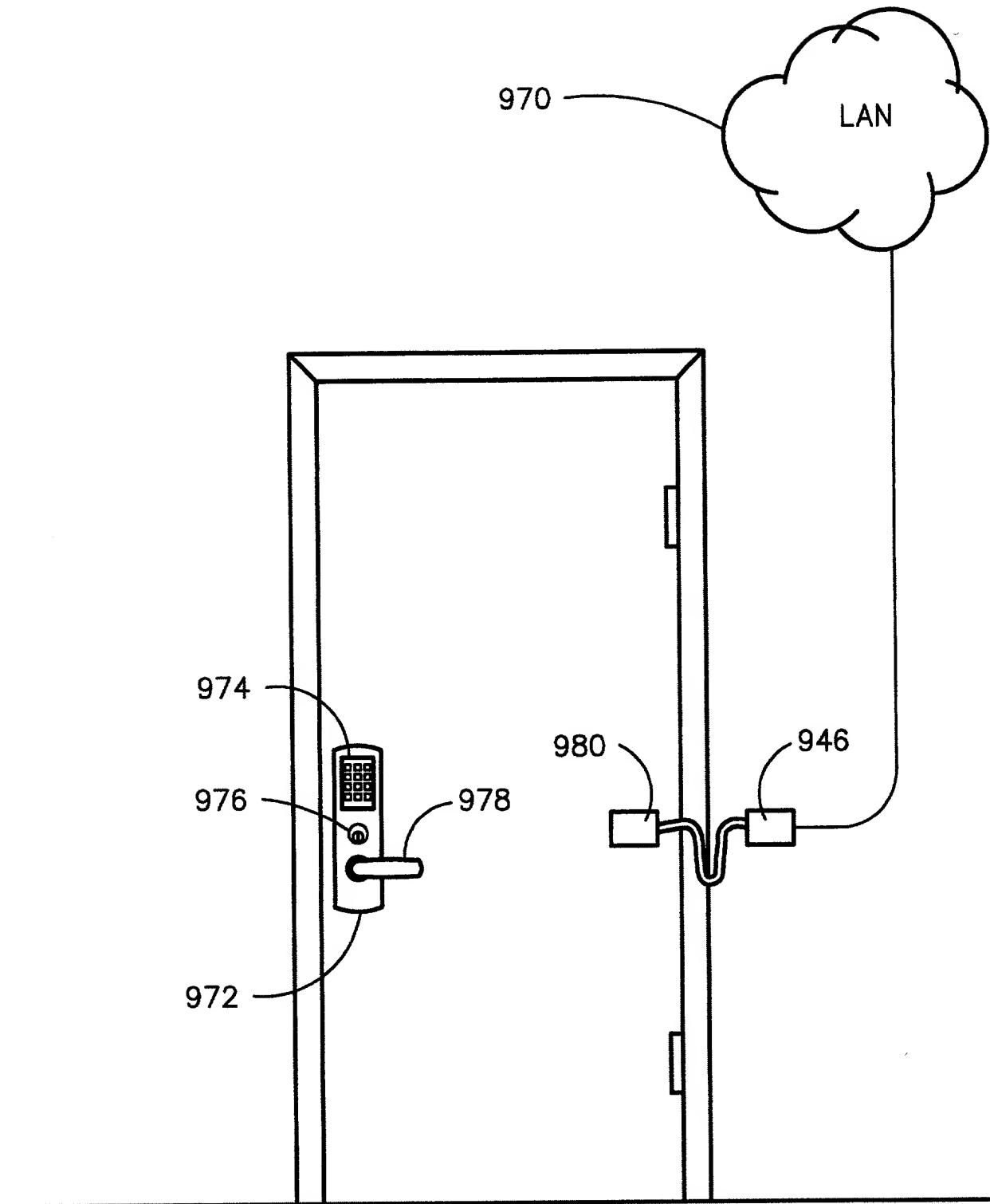


WIRELESS EXIT DEVICE

FIG. 43A

+

FIG. 44

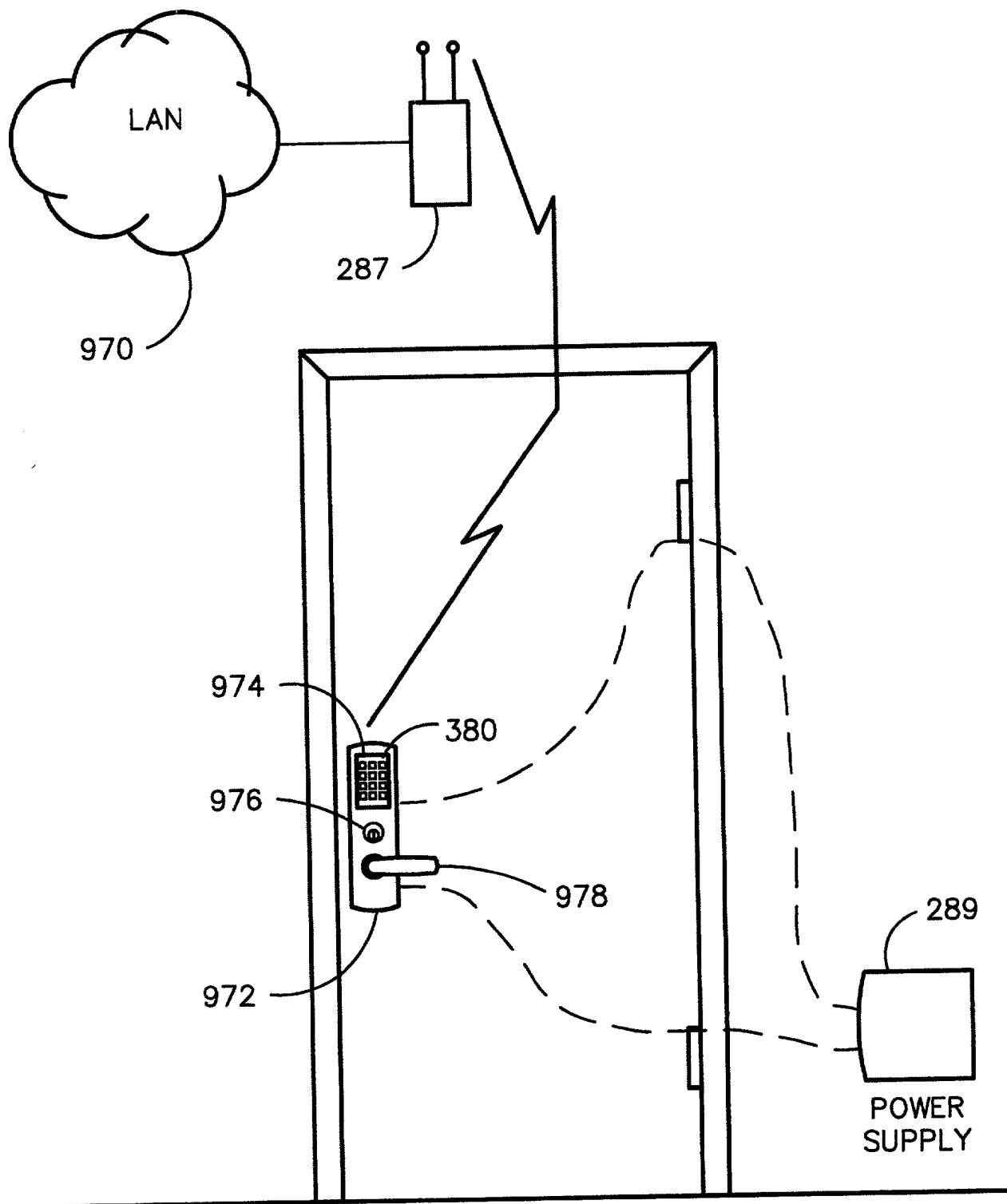


WIRED KEYPAD MORTISE LOCK

FIG. 44

+

+



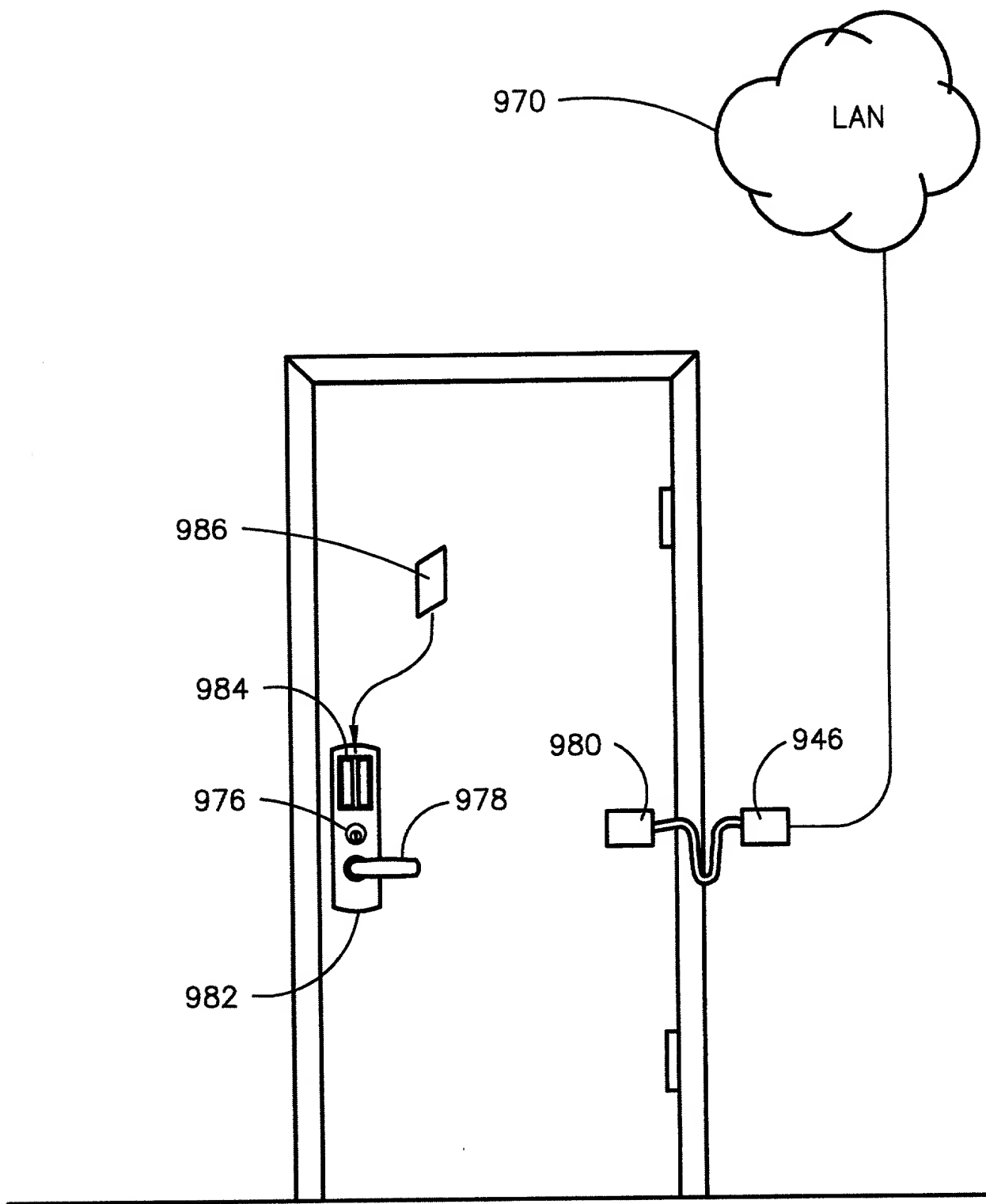
## WIRELESS KEYPAD MORTISE LOCK

FIG. 44A

+

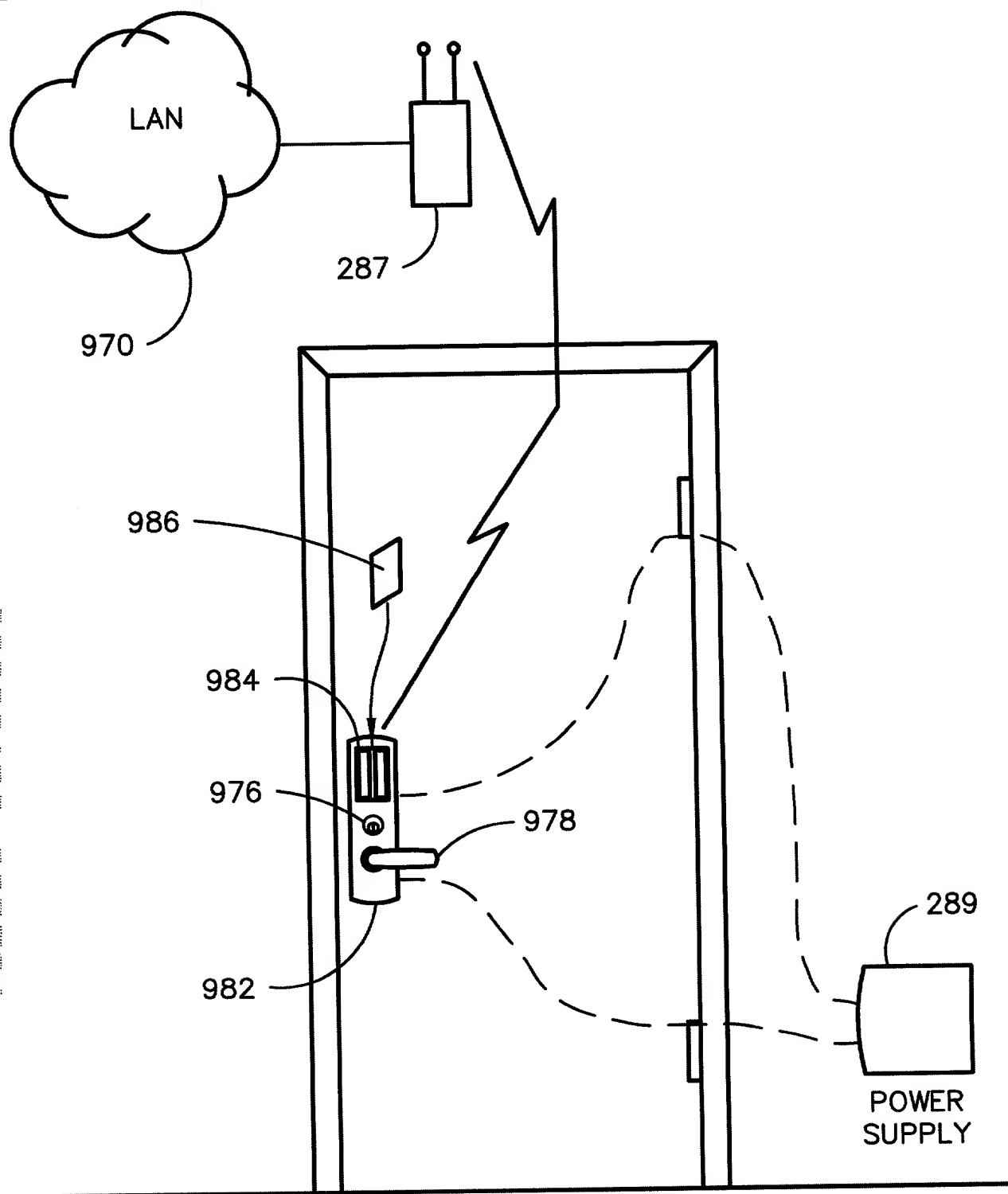


FIG. 45



WIRED SWIPE CARD READER MORTISE

FIG. 45

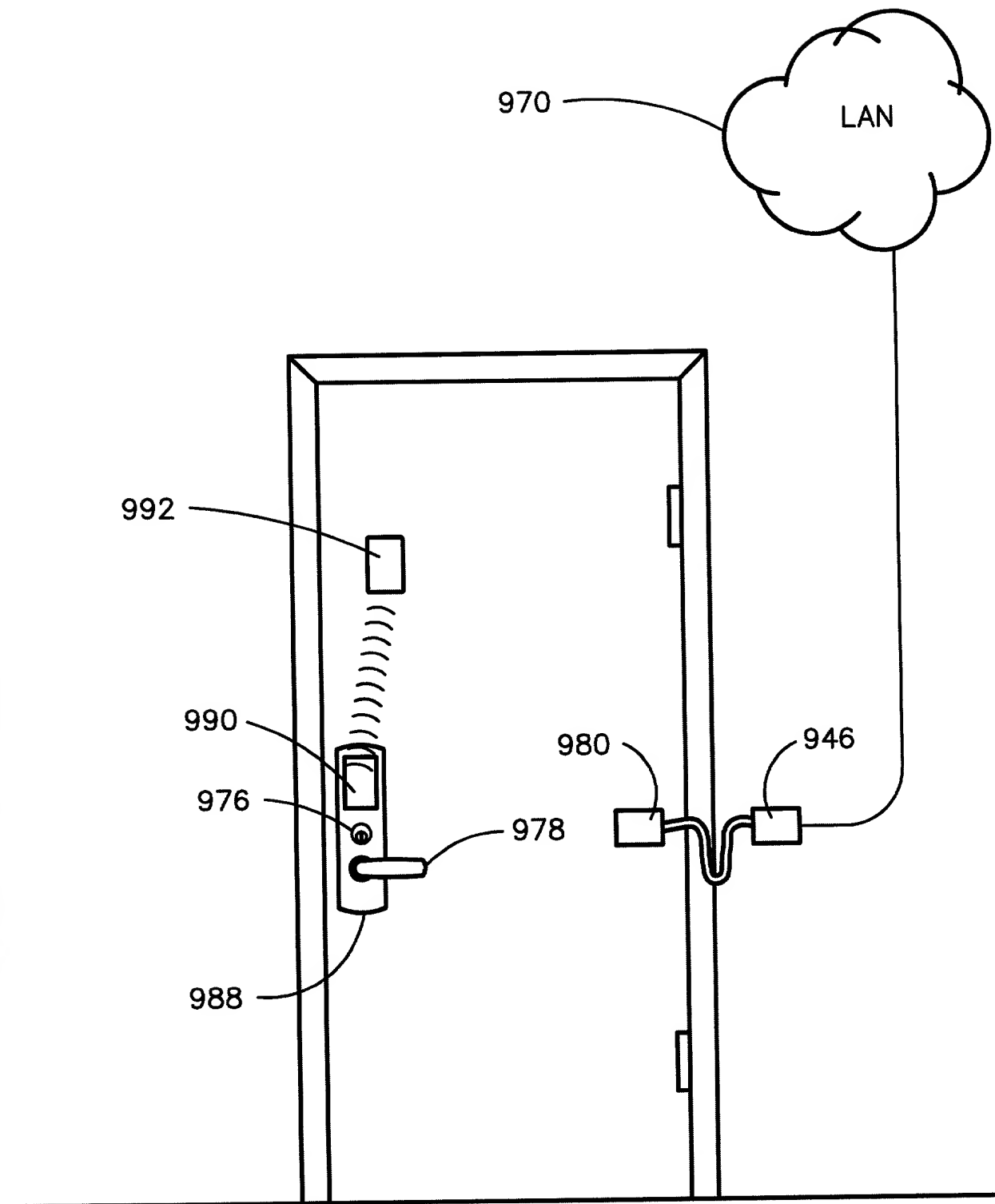


WIRELESS SWIPE CARD MORTISE LOCK

FIG. 45A

+

FIG. 46

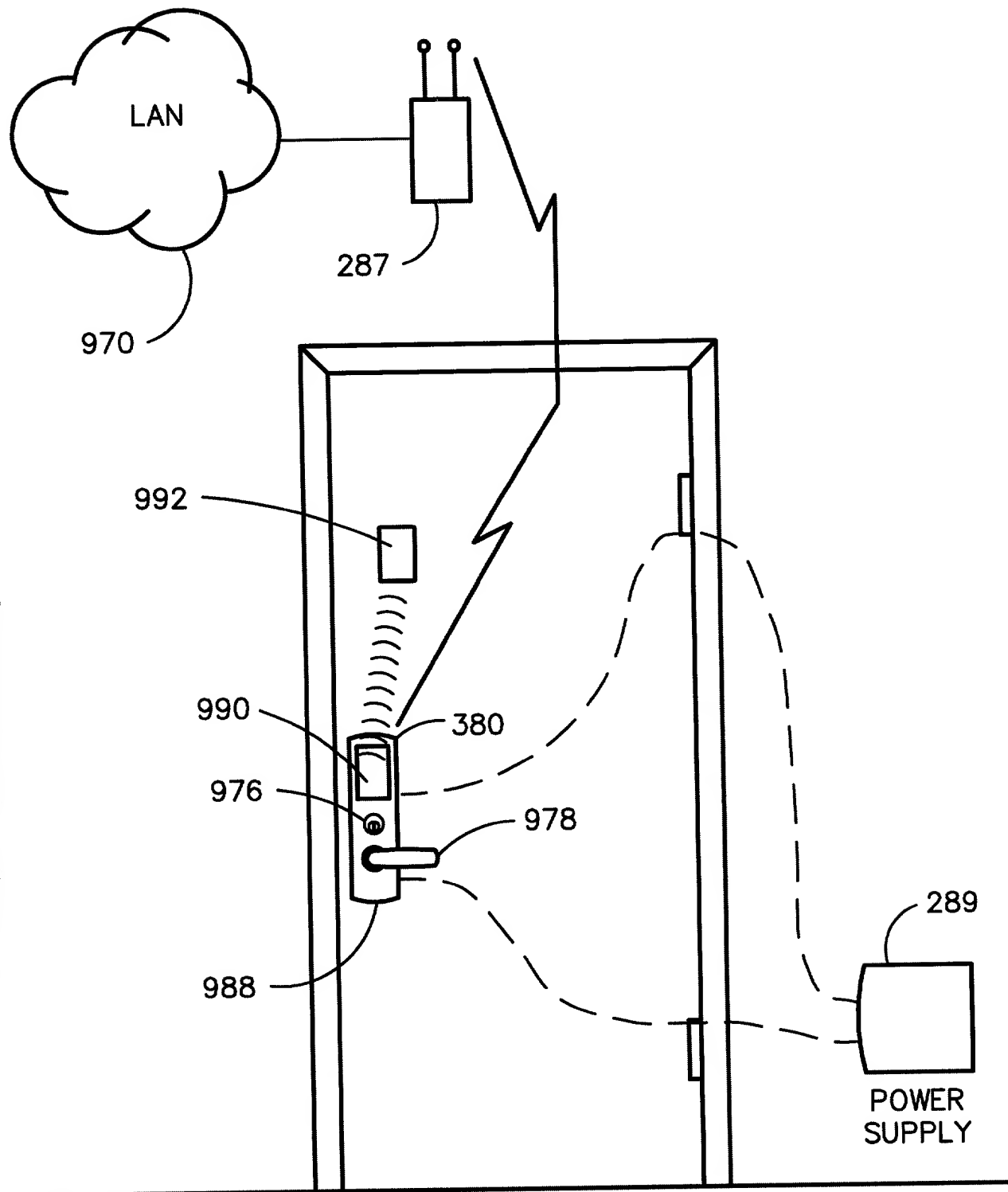


WIRED PROXIMITY CARD READER MORTISE LOCK

FIG. 46

+

+



WIRELESS PROXIMITY CARD READER MORTISE LOCK

FIG. 46A

+

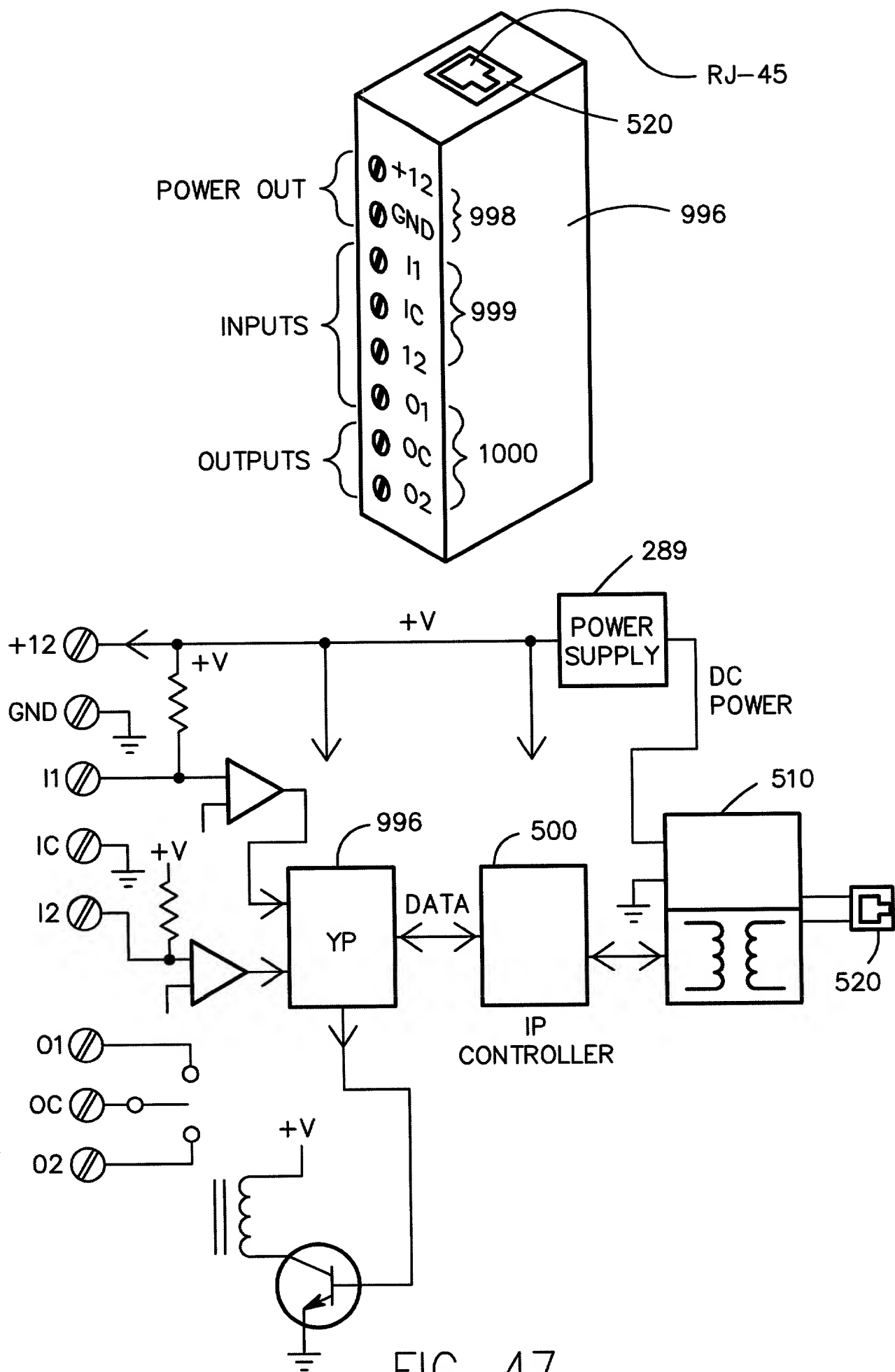


FIG. 47

+

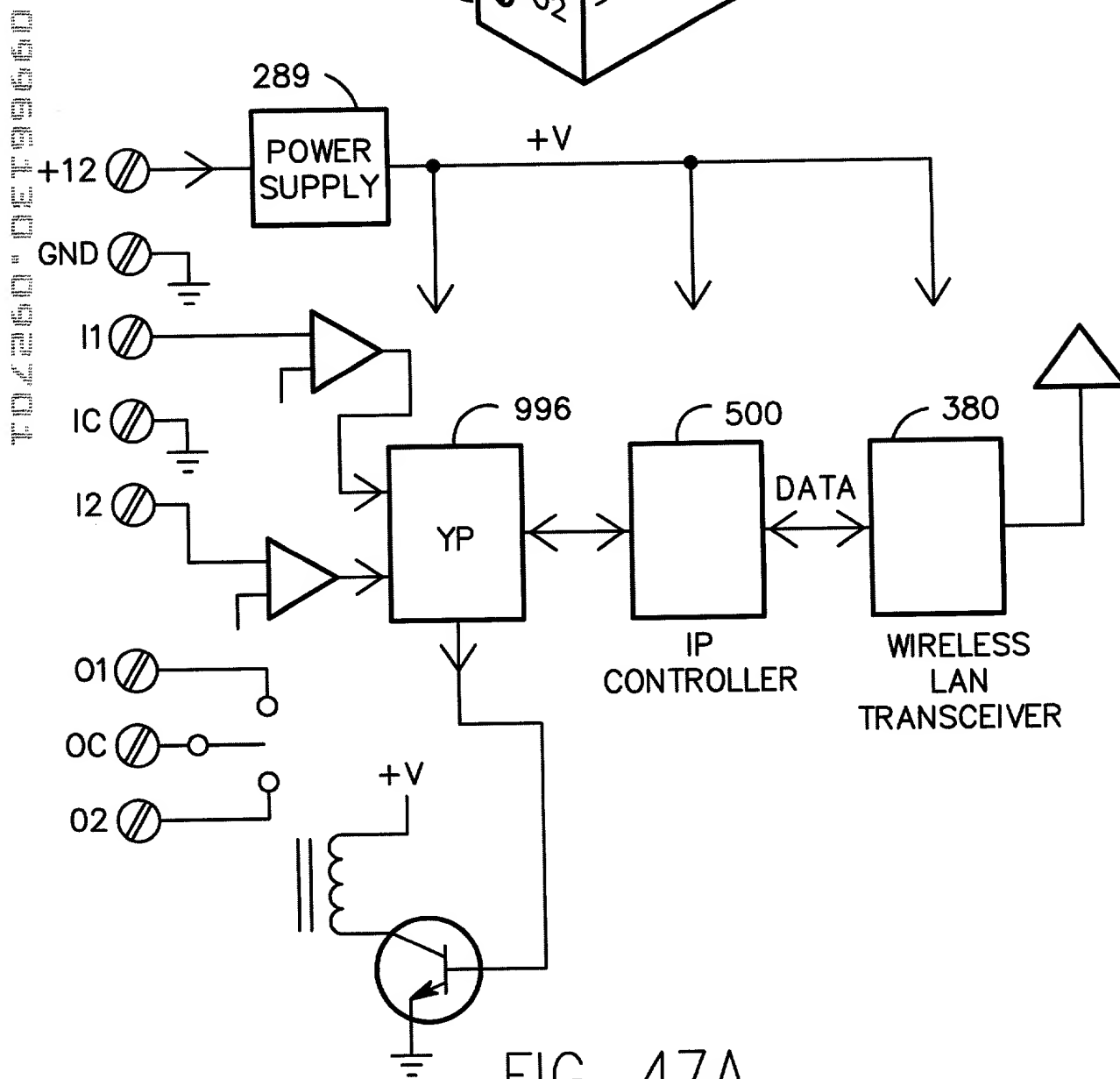
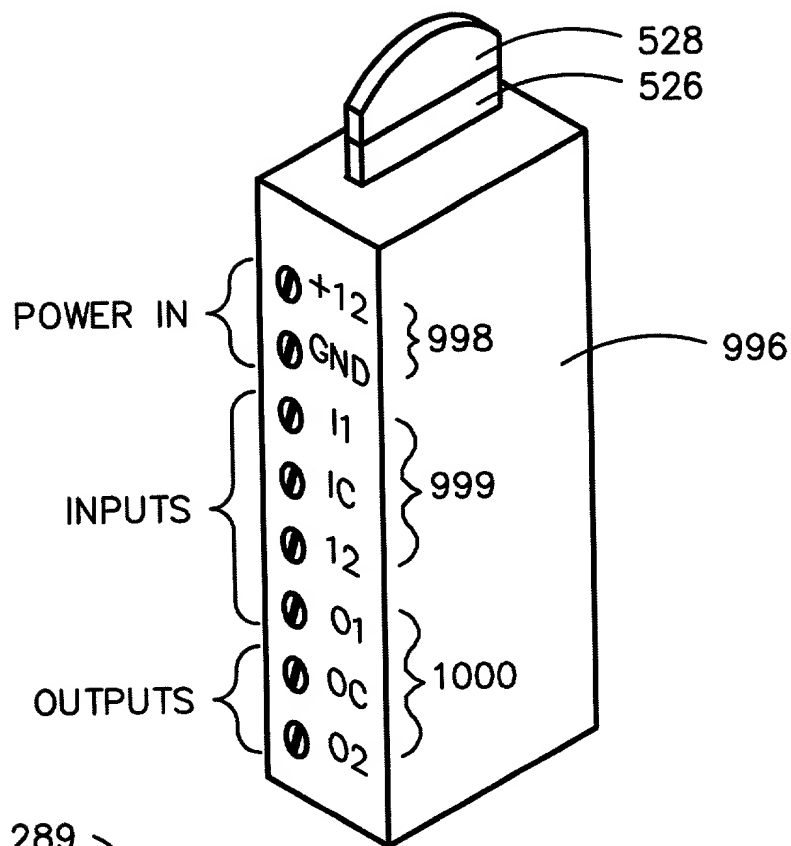
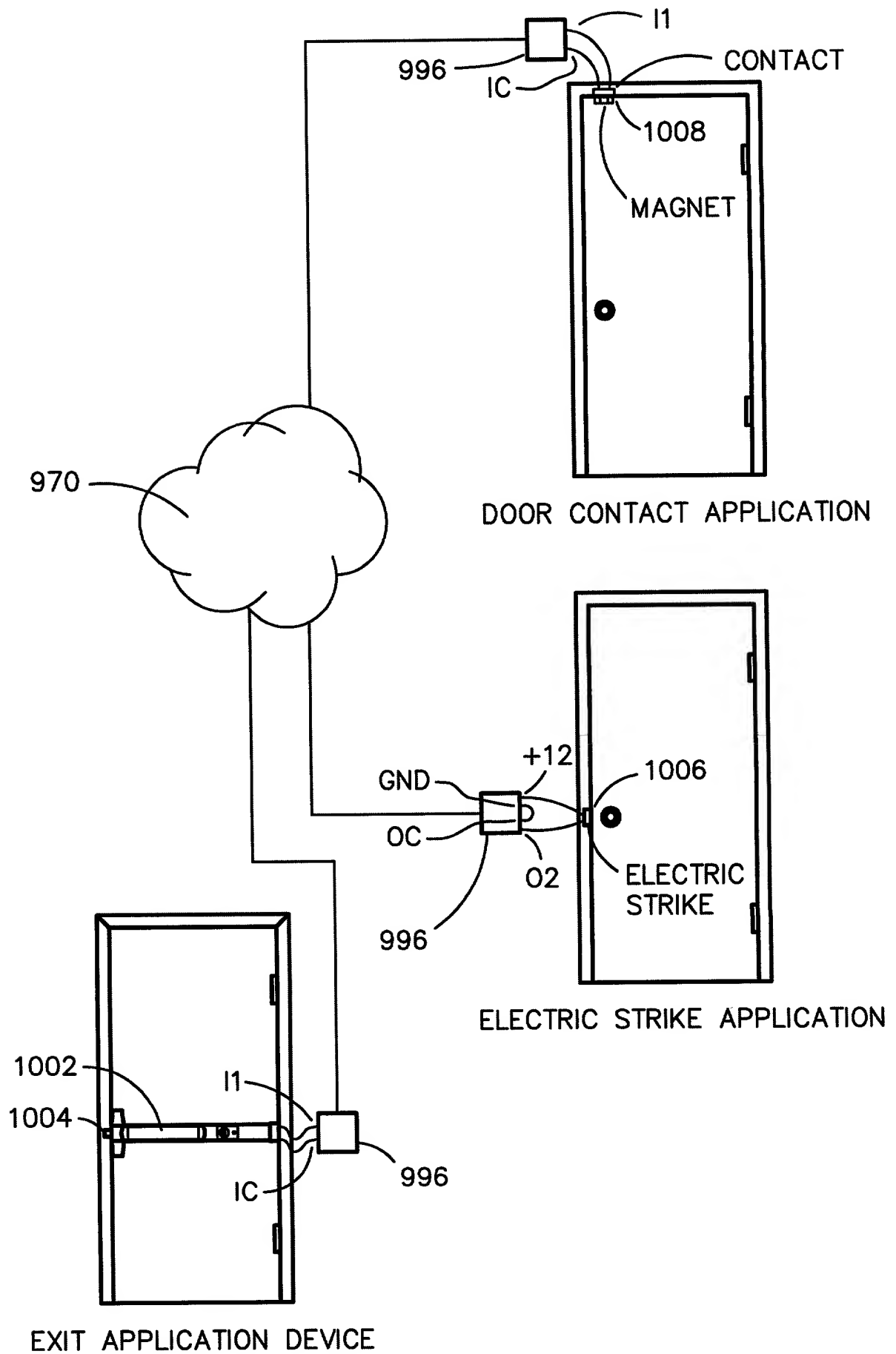


FIG. 47A

+

+

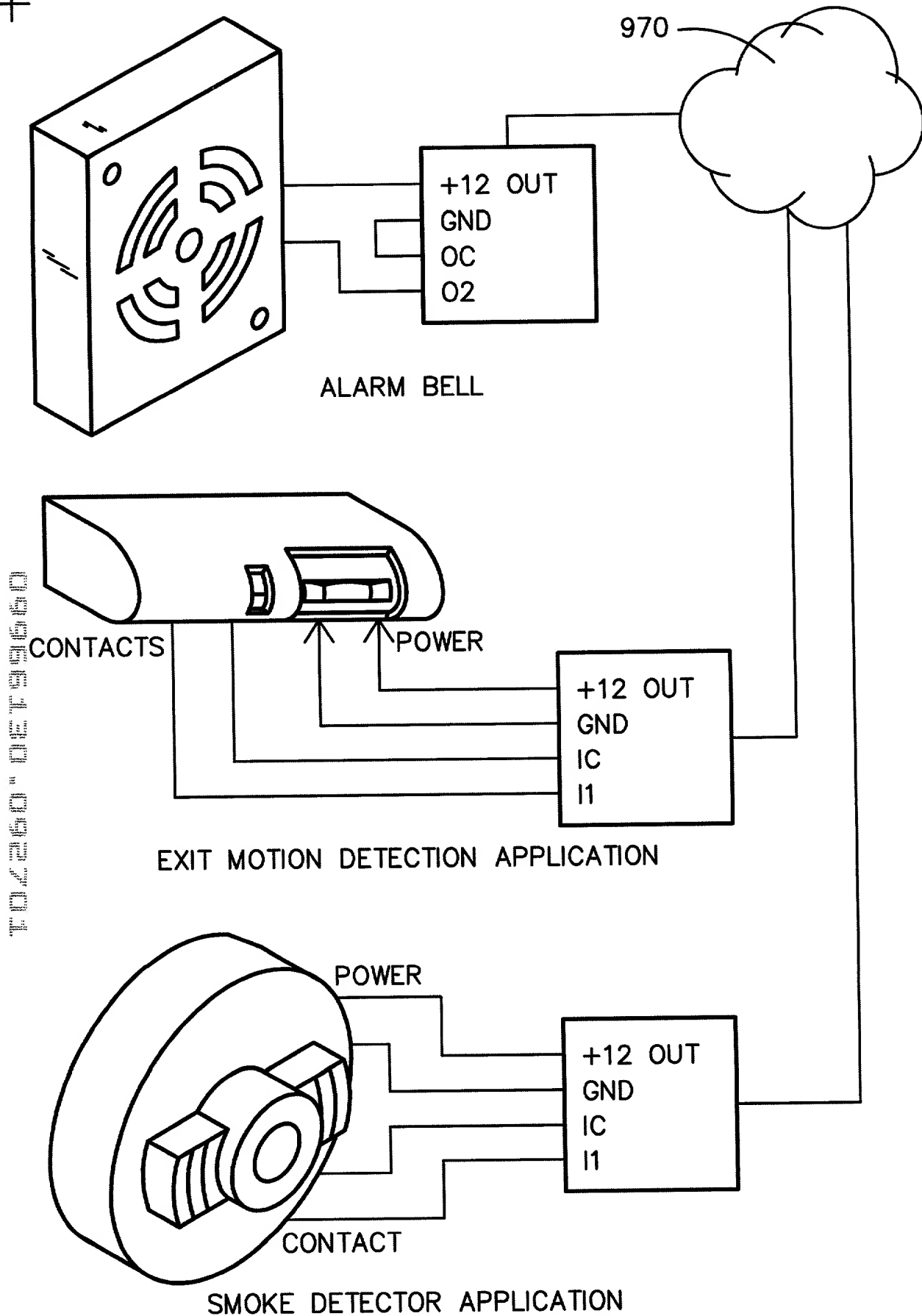


UNIVERSAL INTERFACE APPLICATIONS

FIG. 48

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+



UNIVERSAL INTERFACE APPLICATIONS

FIG. 49

+



+

# SECURITY APPLIANCE BLOCK DIAGRAM

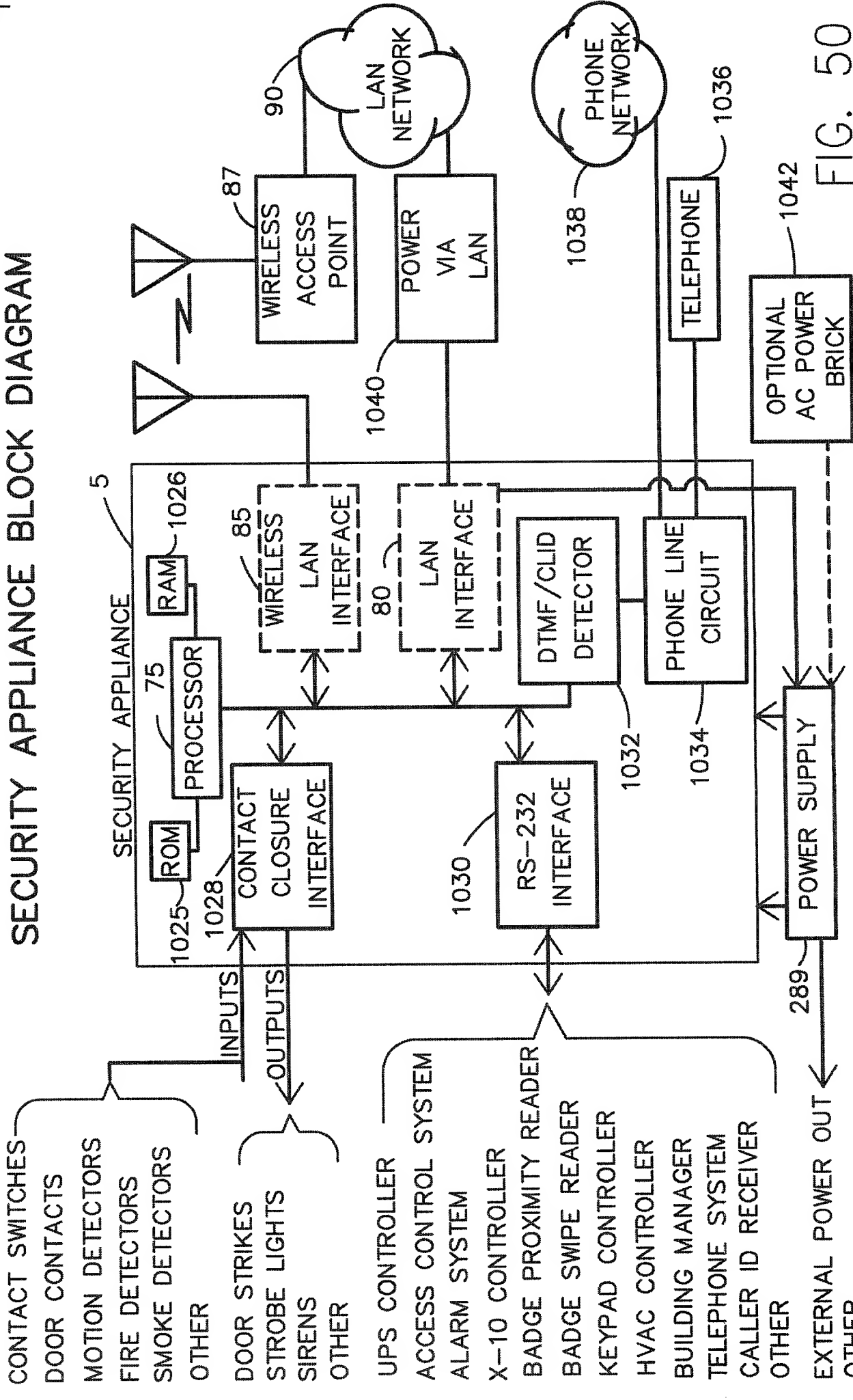


FIG. 50

+

TOP SECRET

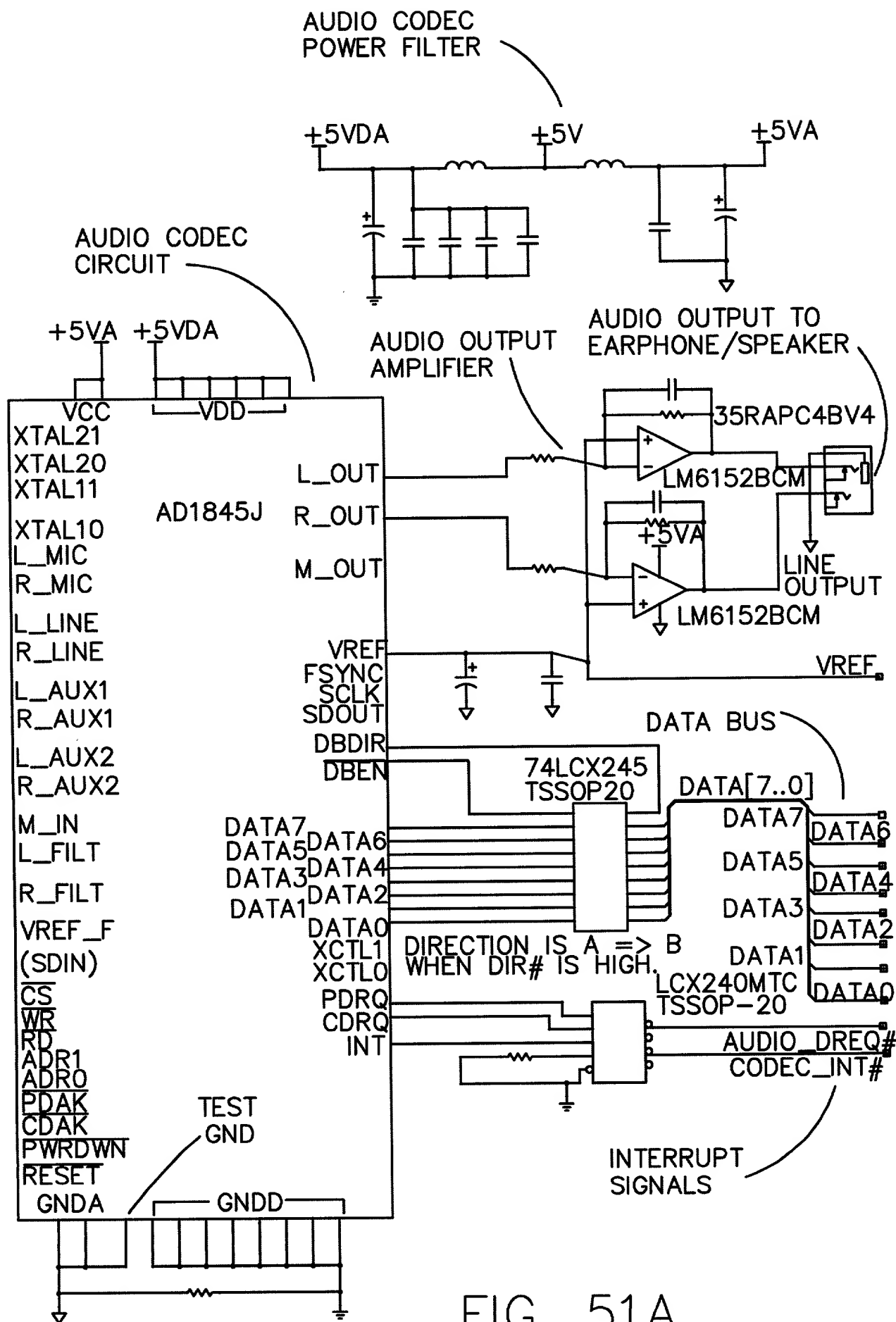


FIG. 51A

09640-09650

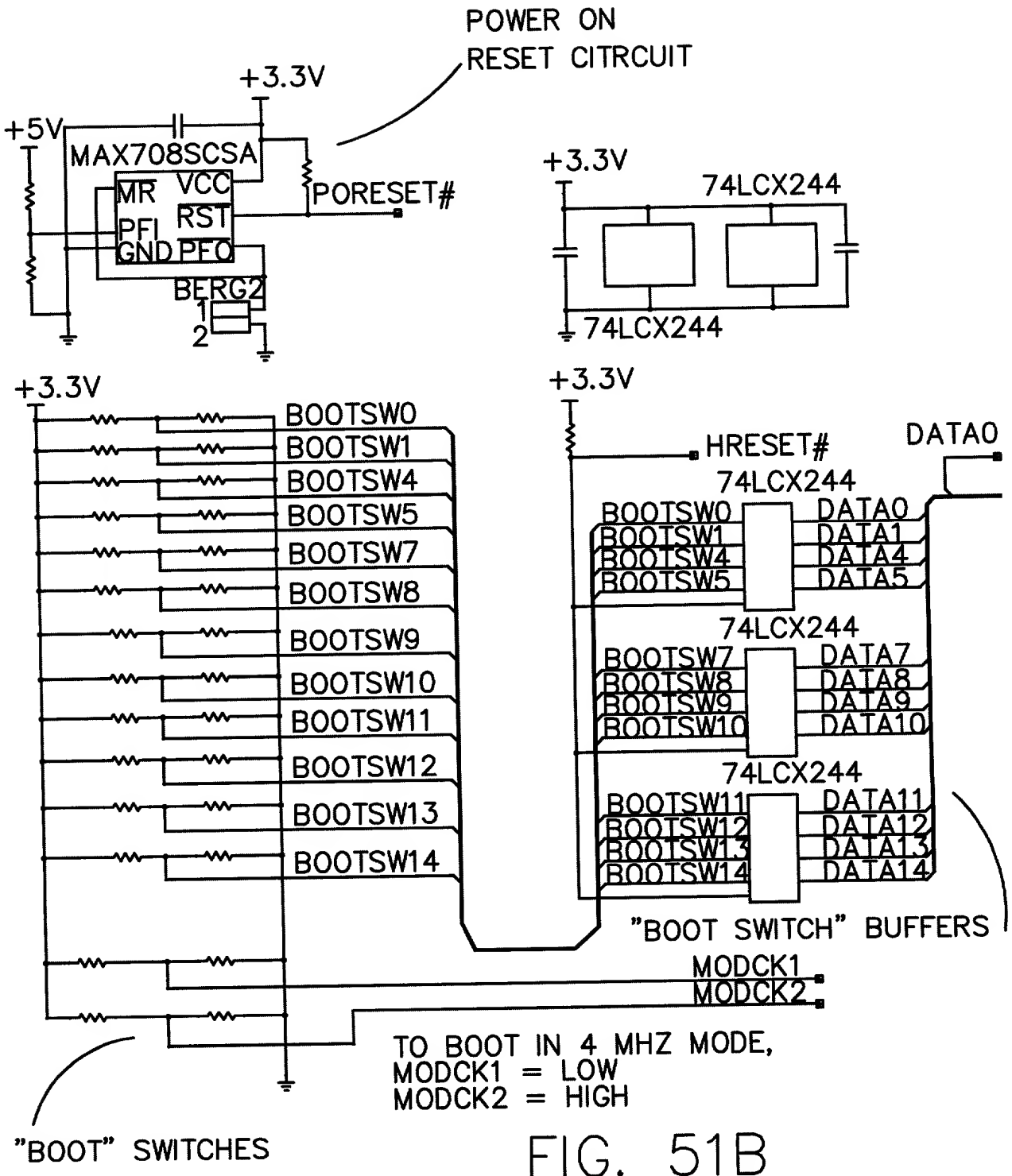


FIG. 51B

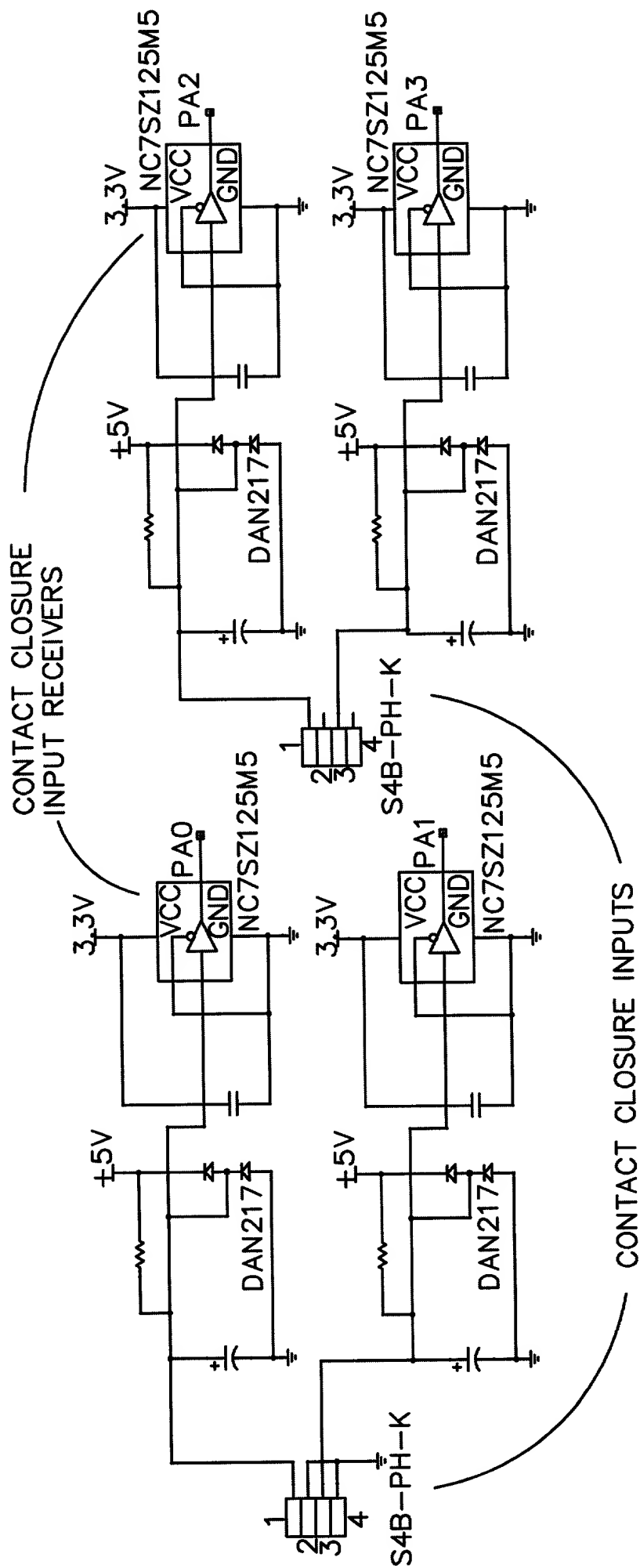


FIG. 51C

CONTACT CLOSURE OUTPUTS  
(4EA SPDT CHANNELS)

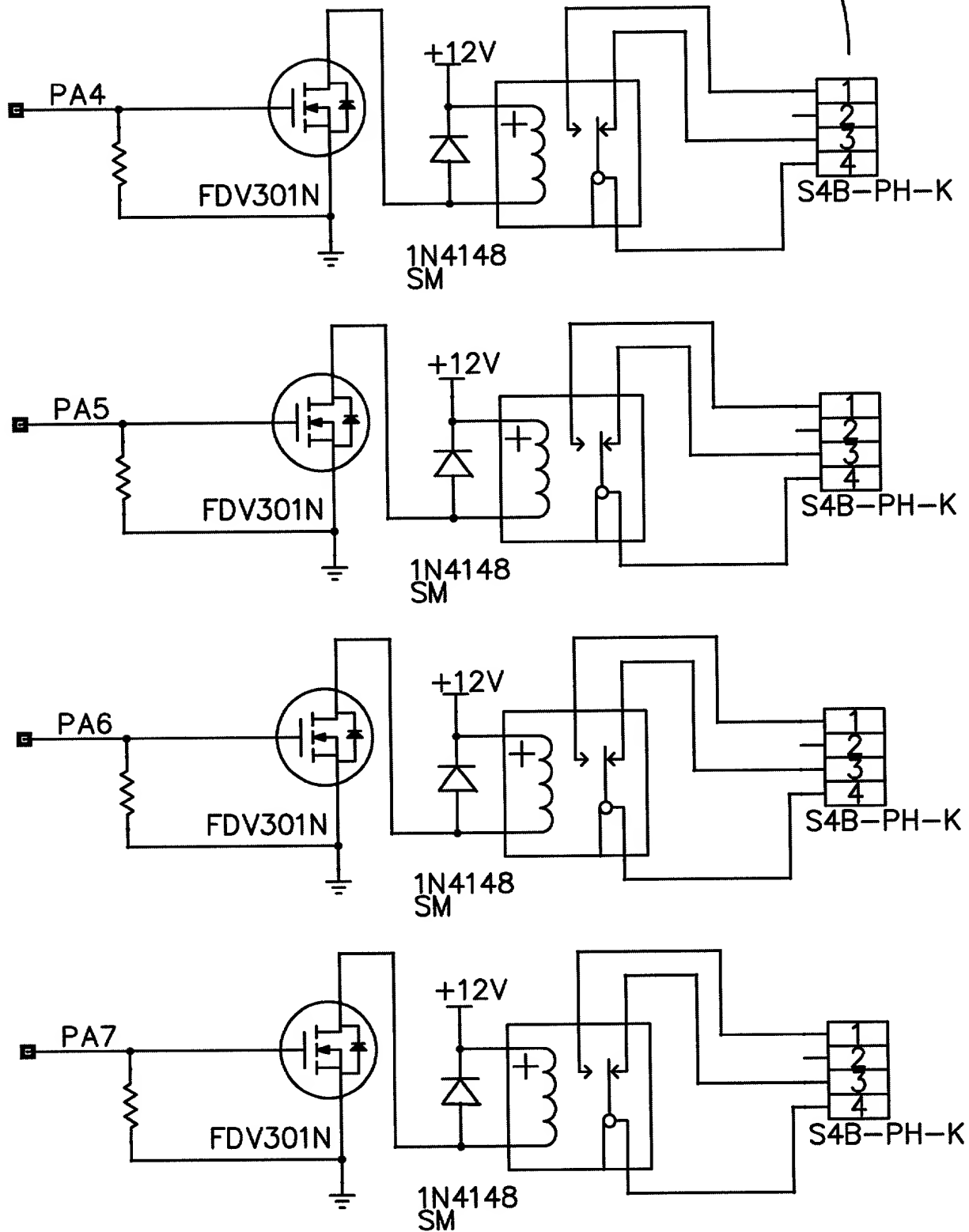


FIG. 51D

+

MPC855T-66MHz

T04250-03550

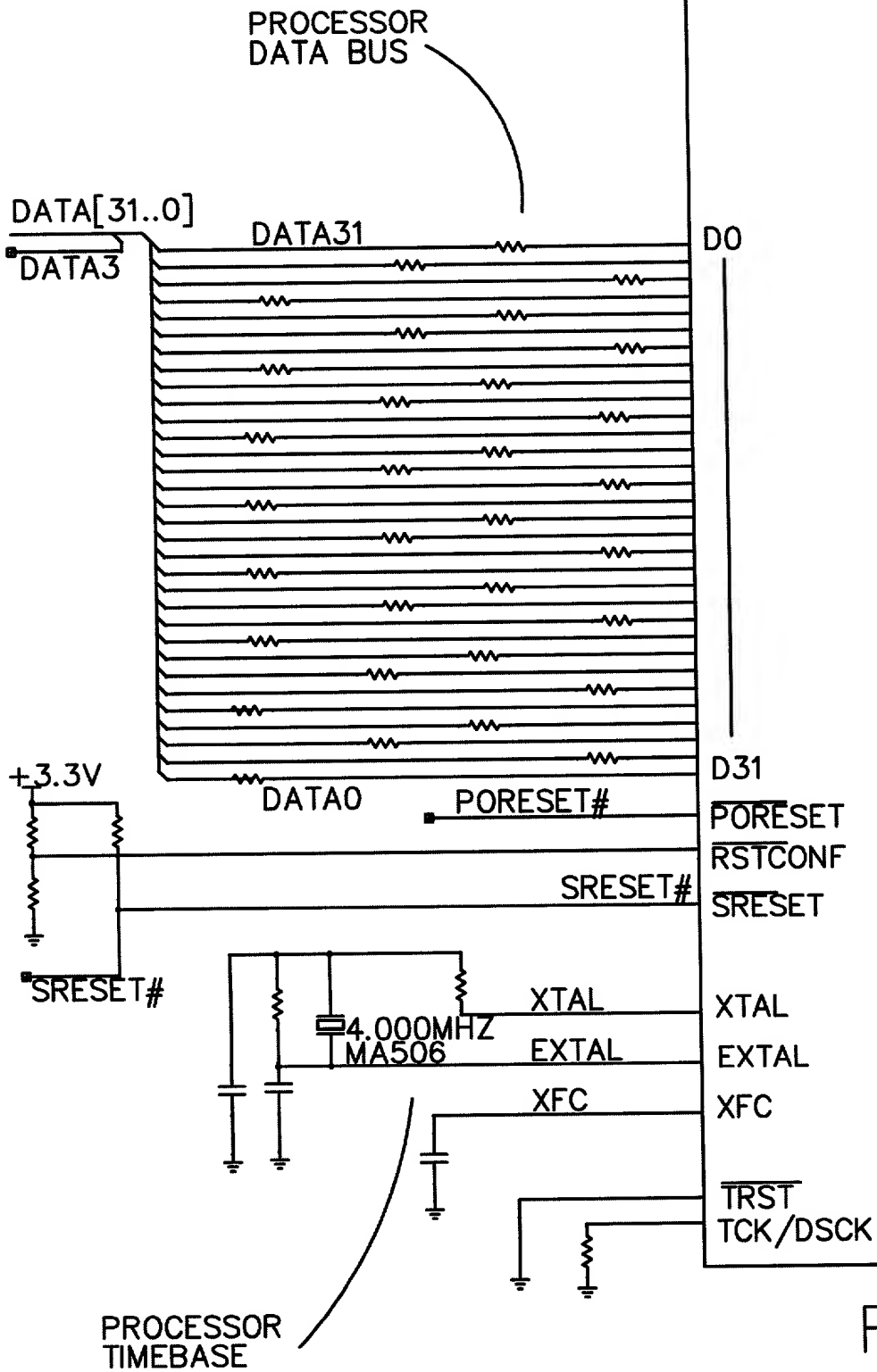


FIG. 51E

+

+

MPC855T-66MHz

PROCESSOR CONTROL

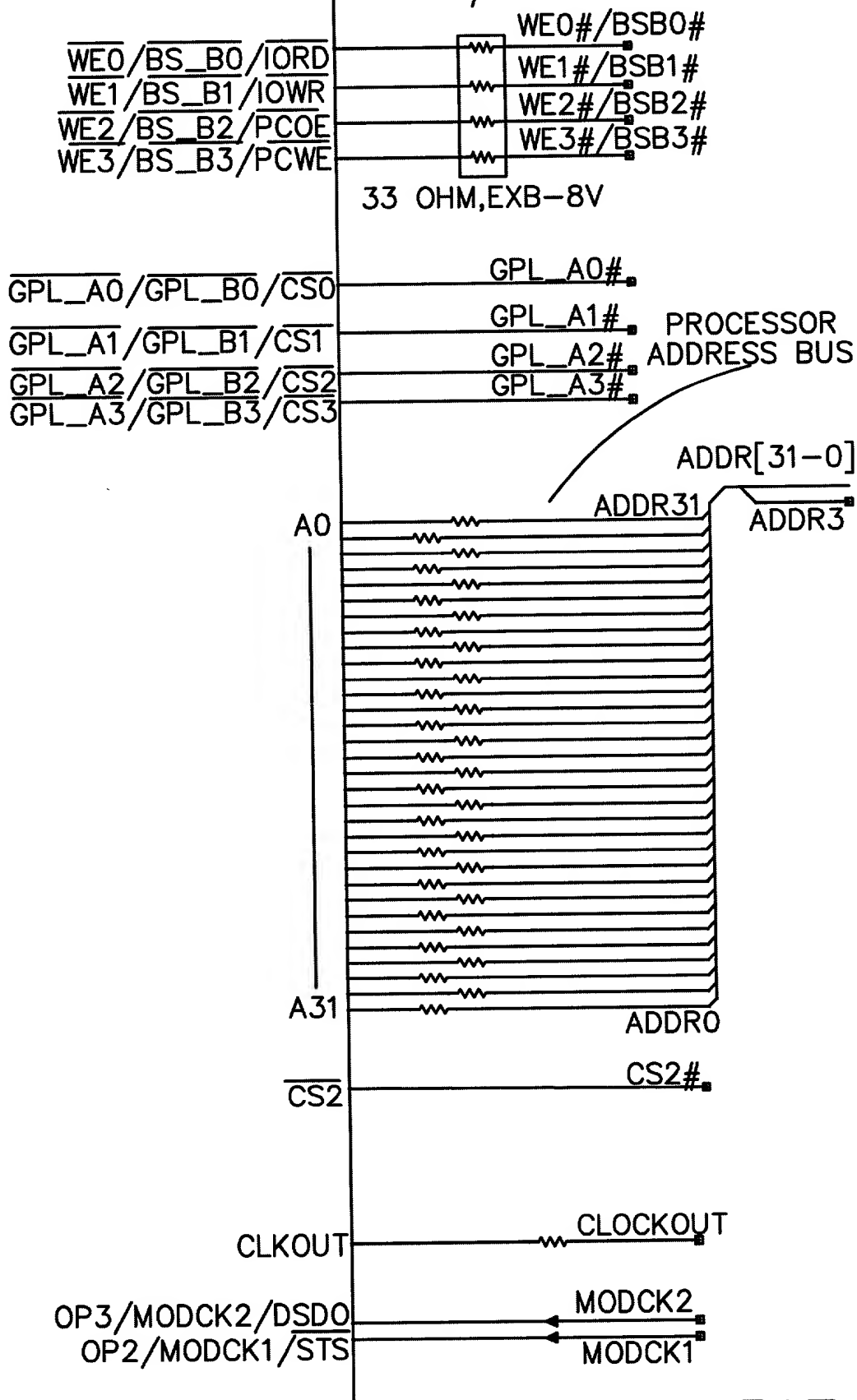
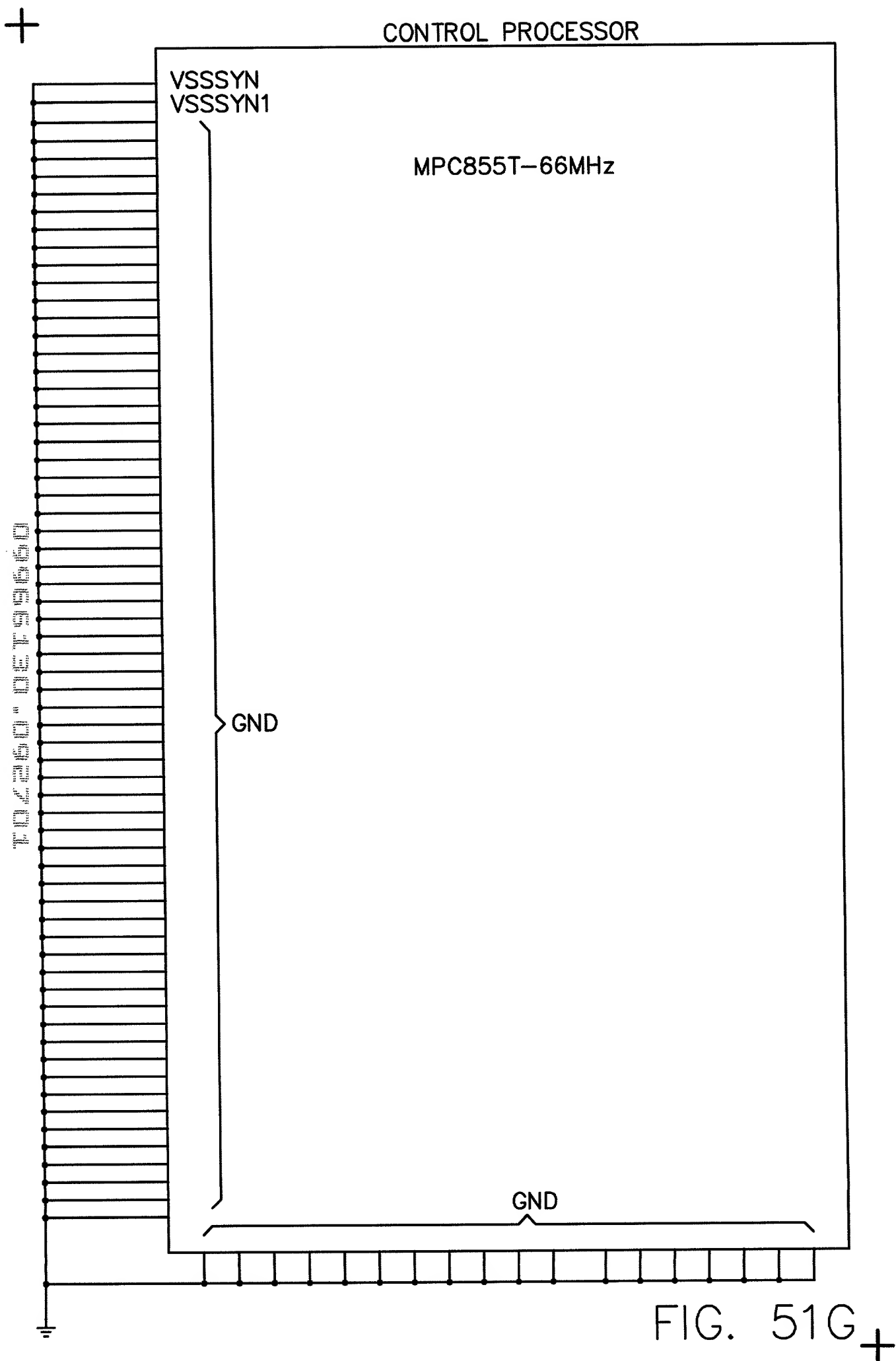
MEMORY CONTROL  
SIGNALS

FIG. 51F

+





0966430-09301

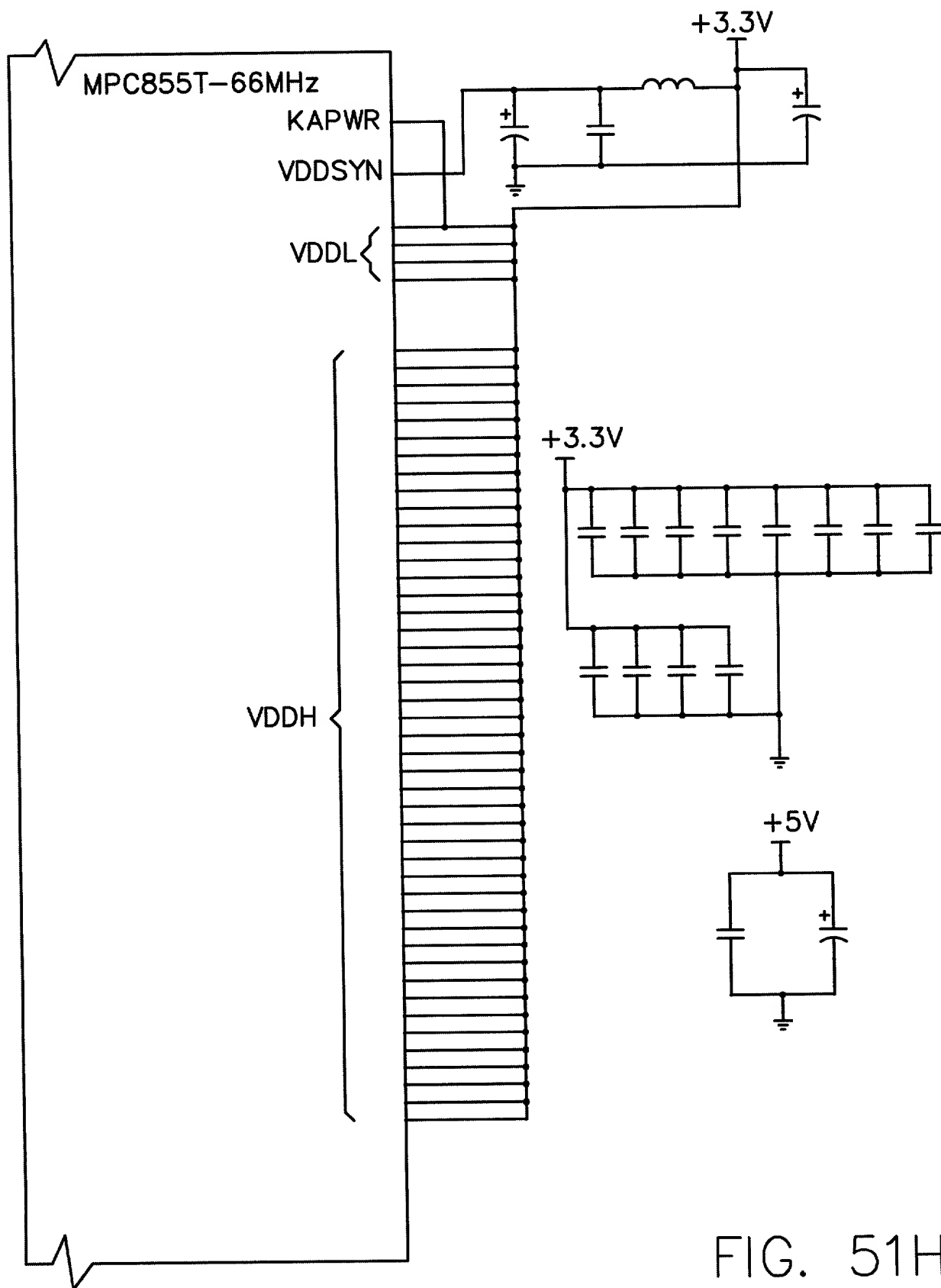


FIG. 51H<sub>+</sub>

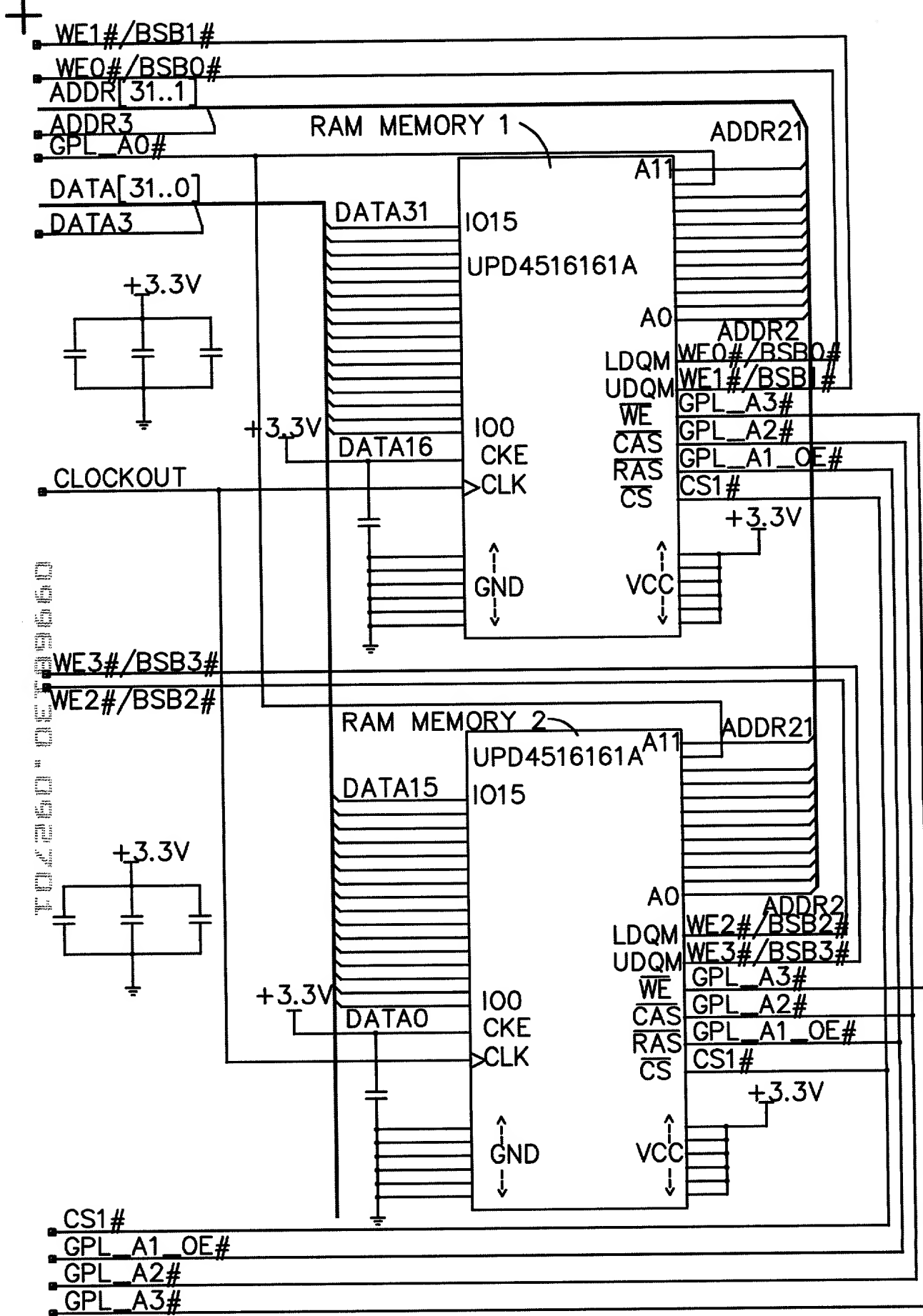


FIG. 511 +

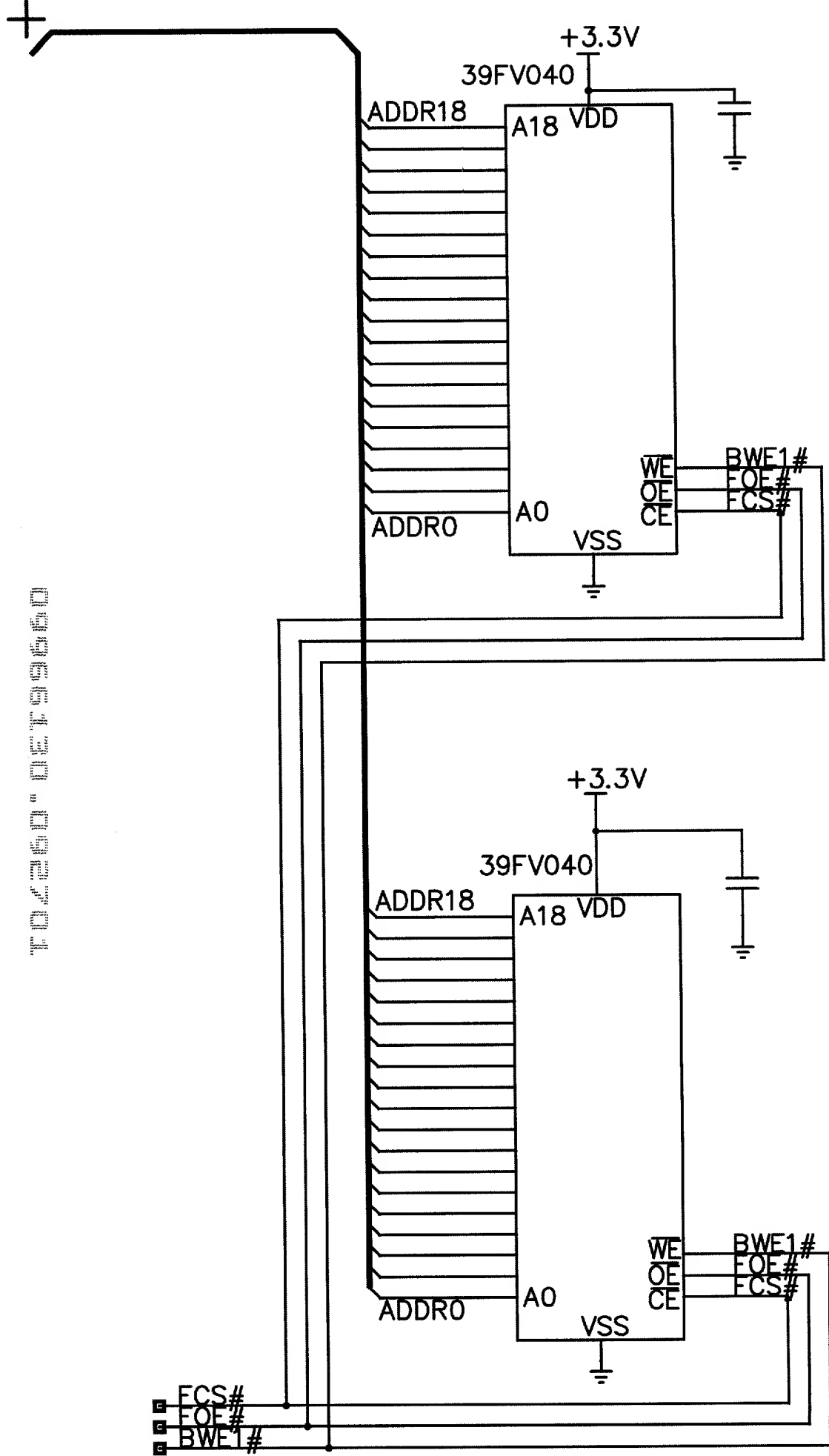


FIG. 51J

+

## CONTROL MICROPROCESSOR

MPC855T-66MHz

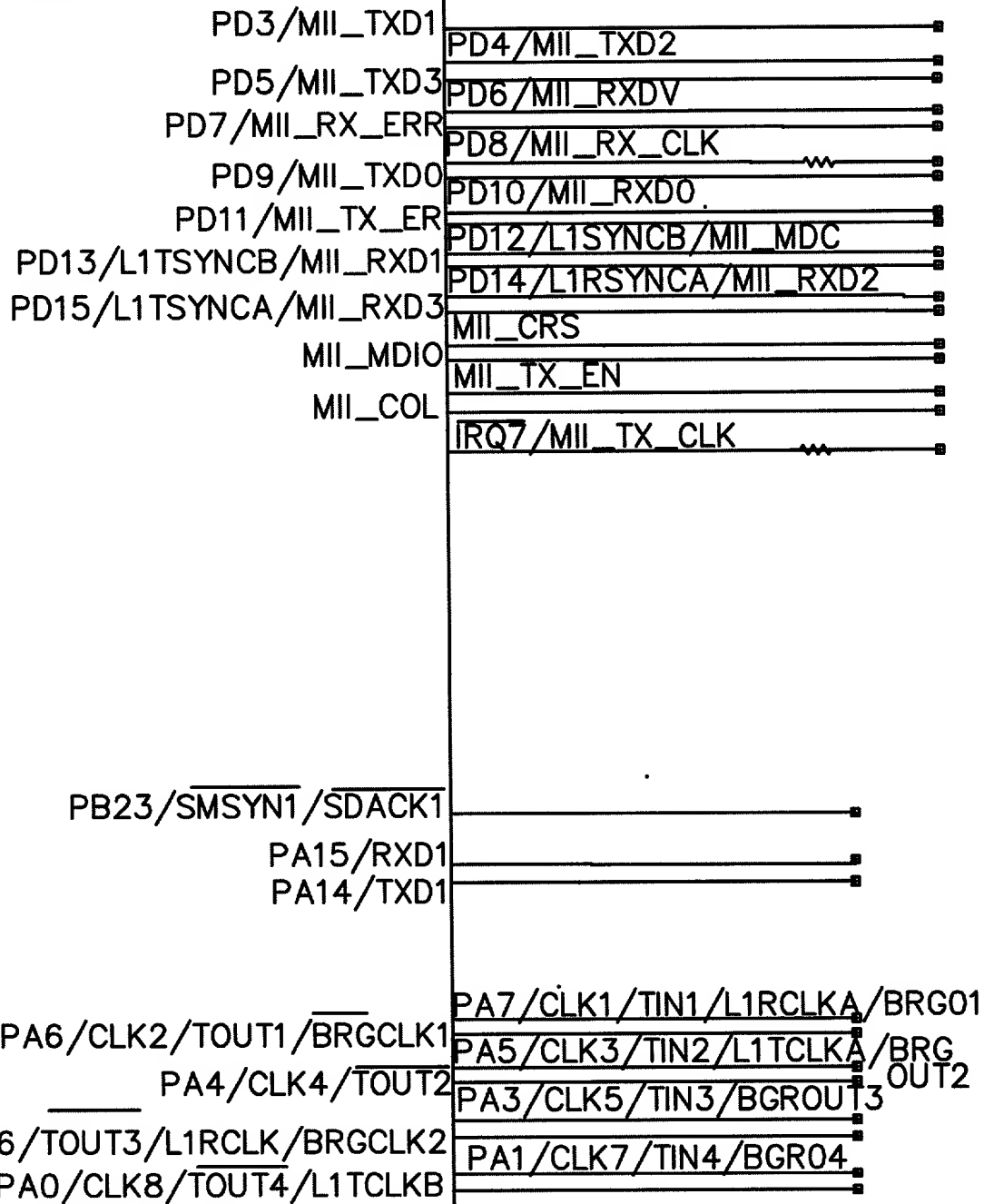
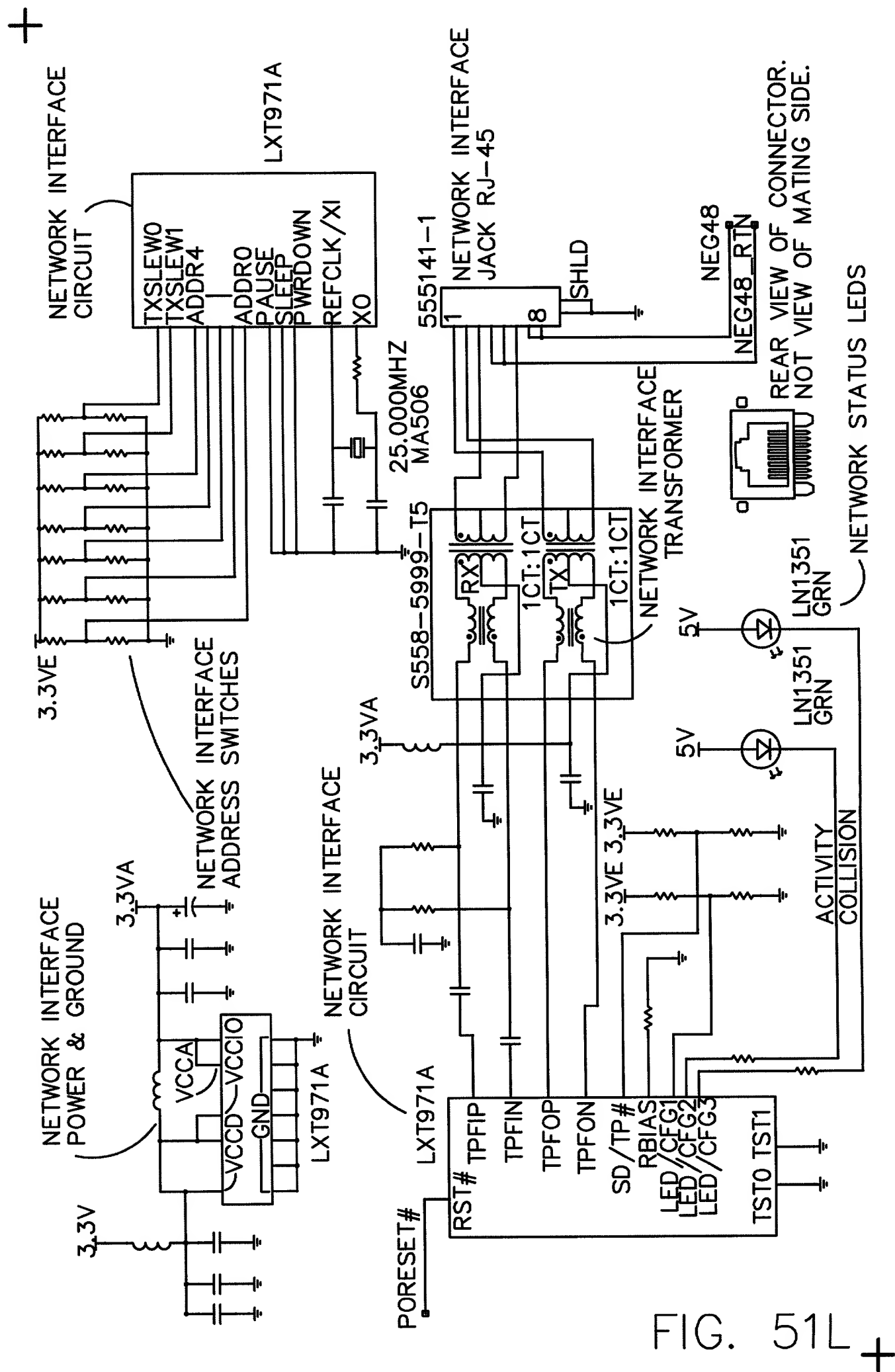
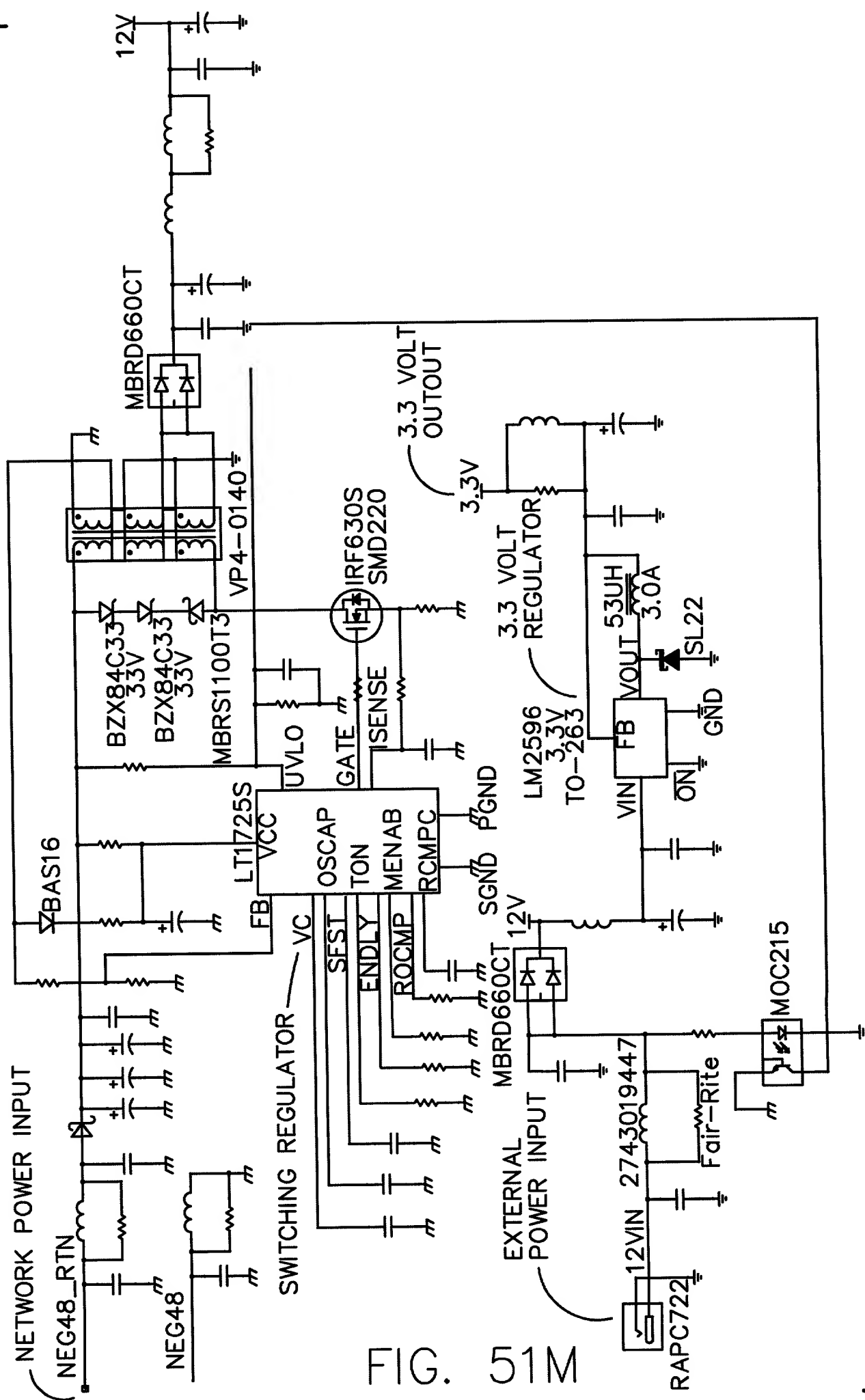
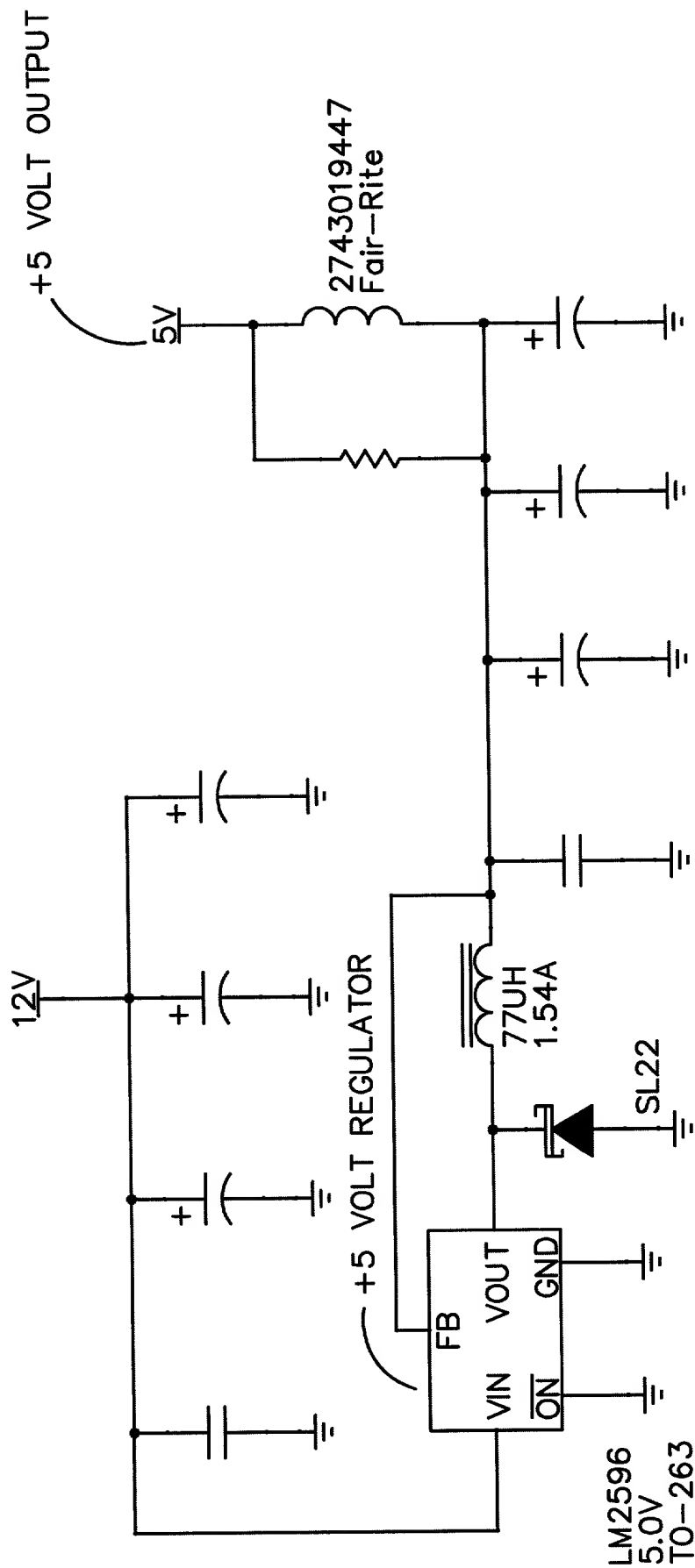


FIG. 51K+

+





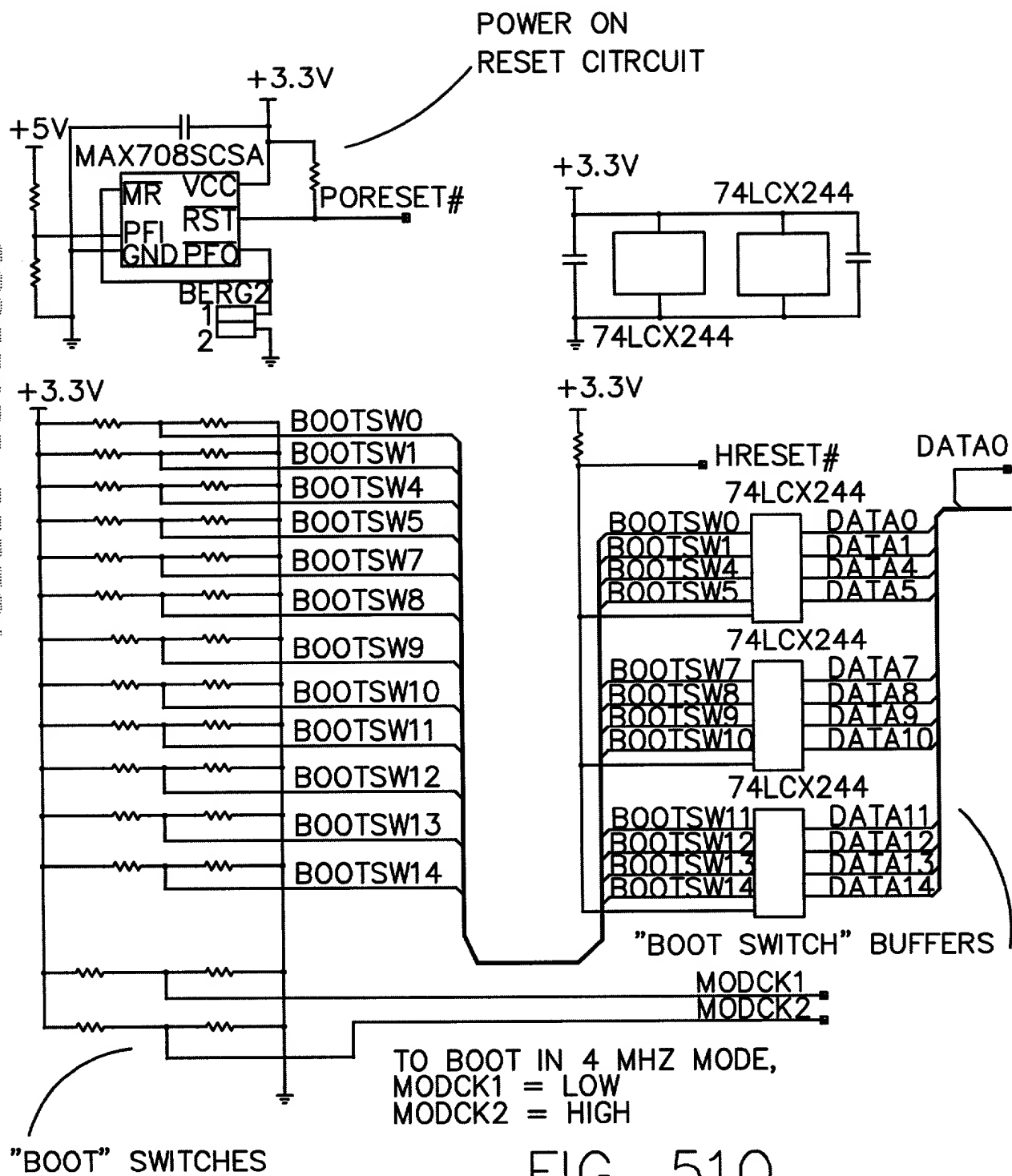


5.0 V REG CIN  
3 EACH OF NICHICON PARTS:  
UUD1E270MCR1GS  
UUD1V270MCR1GS  
UUD1E330MCR1GS  
UUD1V330MCR1GS  
UUD1E470MCR1GS  
UUD1V470MCR1GS

5.0 V REG COUT  
1EA PANASONIC EEVFC2A680Q  
3 EA NICHICON:  
UUD1E270MCR1GS  
UUD1V270MCR1GS  
UUD1C330MCR1GS  
UUD1E330MCR1GS  
UUD1V330MCR1GS  
UUD1A470MCR1GS

FIG. 51N

+





+

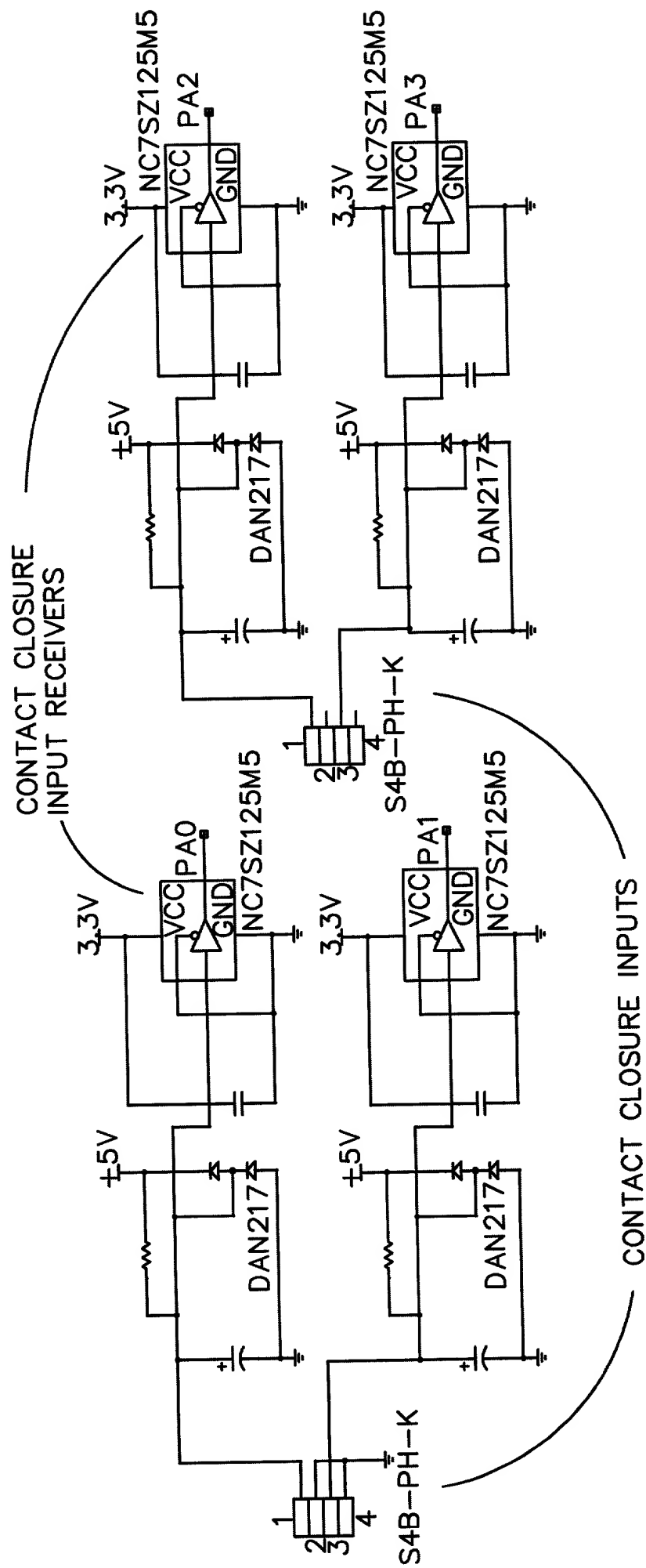


FIG. 51P

+

CONTACT CLOSURE OUTPUTS  
(4EA SPDT CHANNELS)

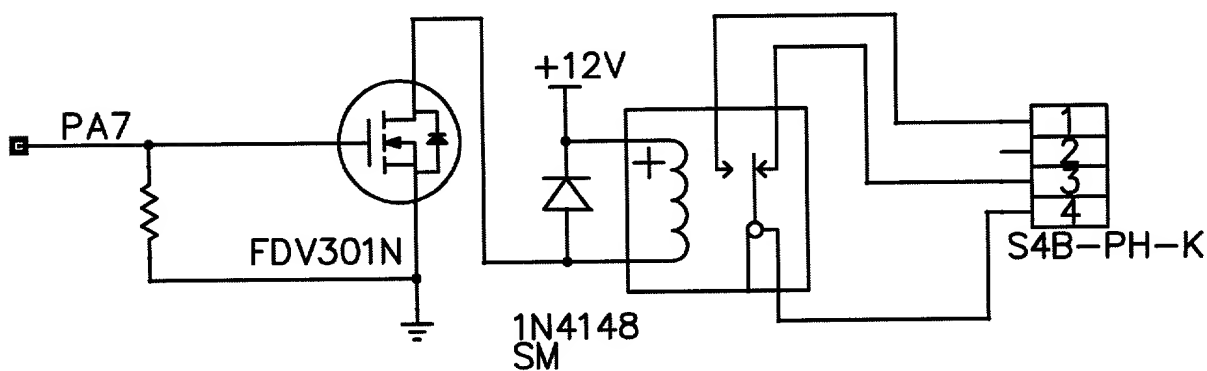
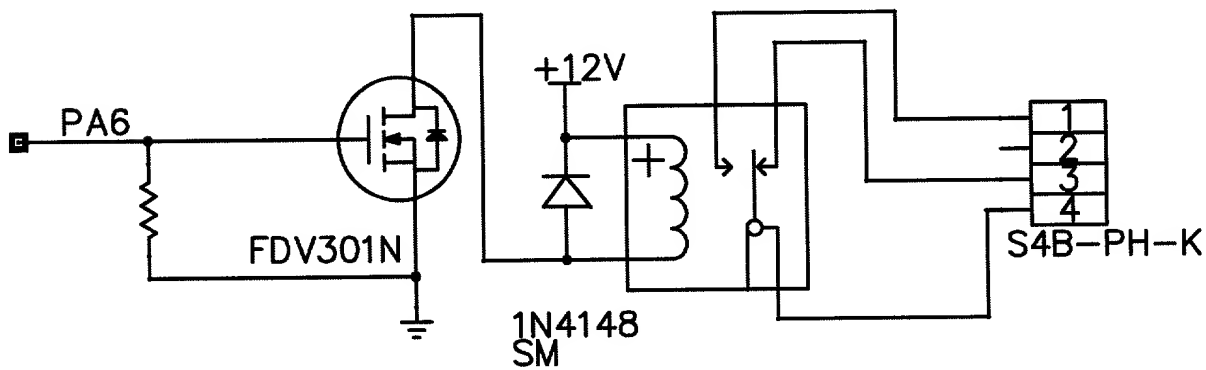
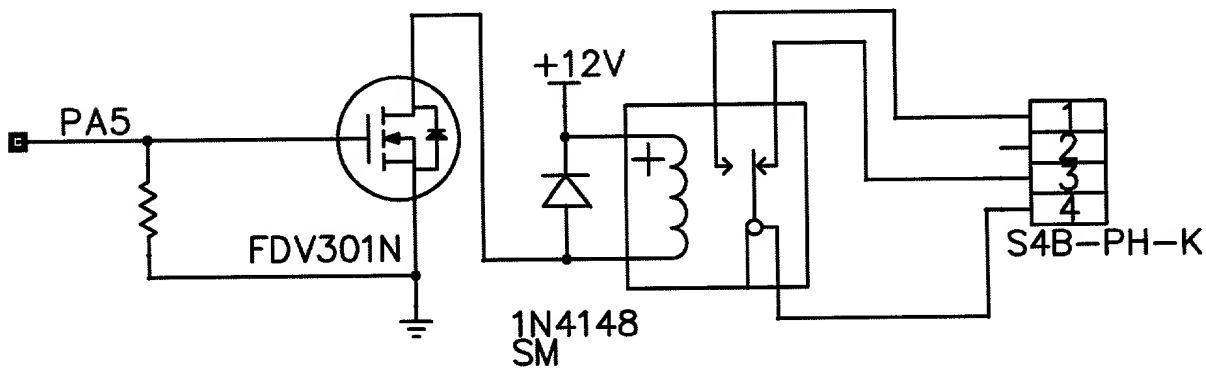
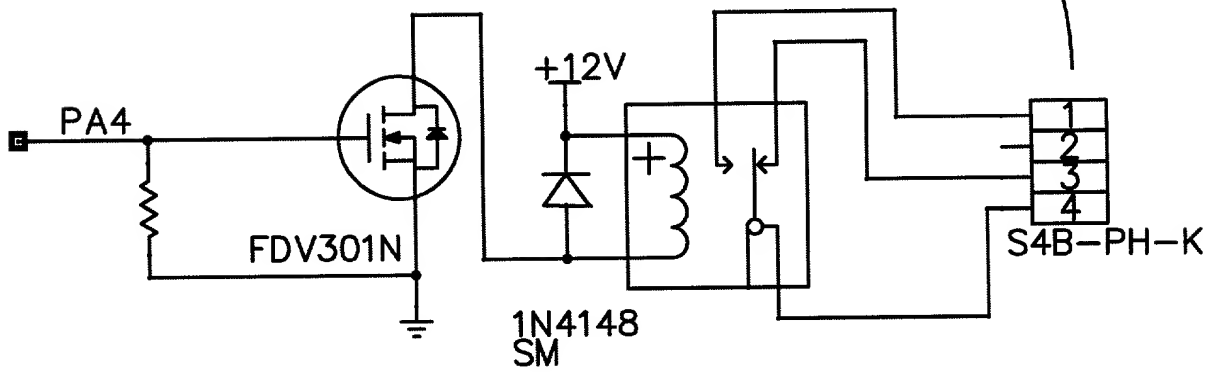


FIG. 51Q

+

MPC855T-66MHz

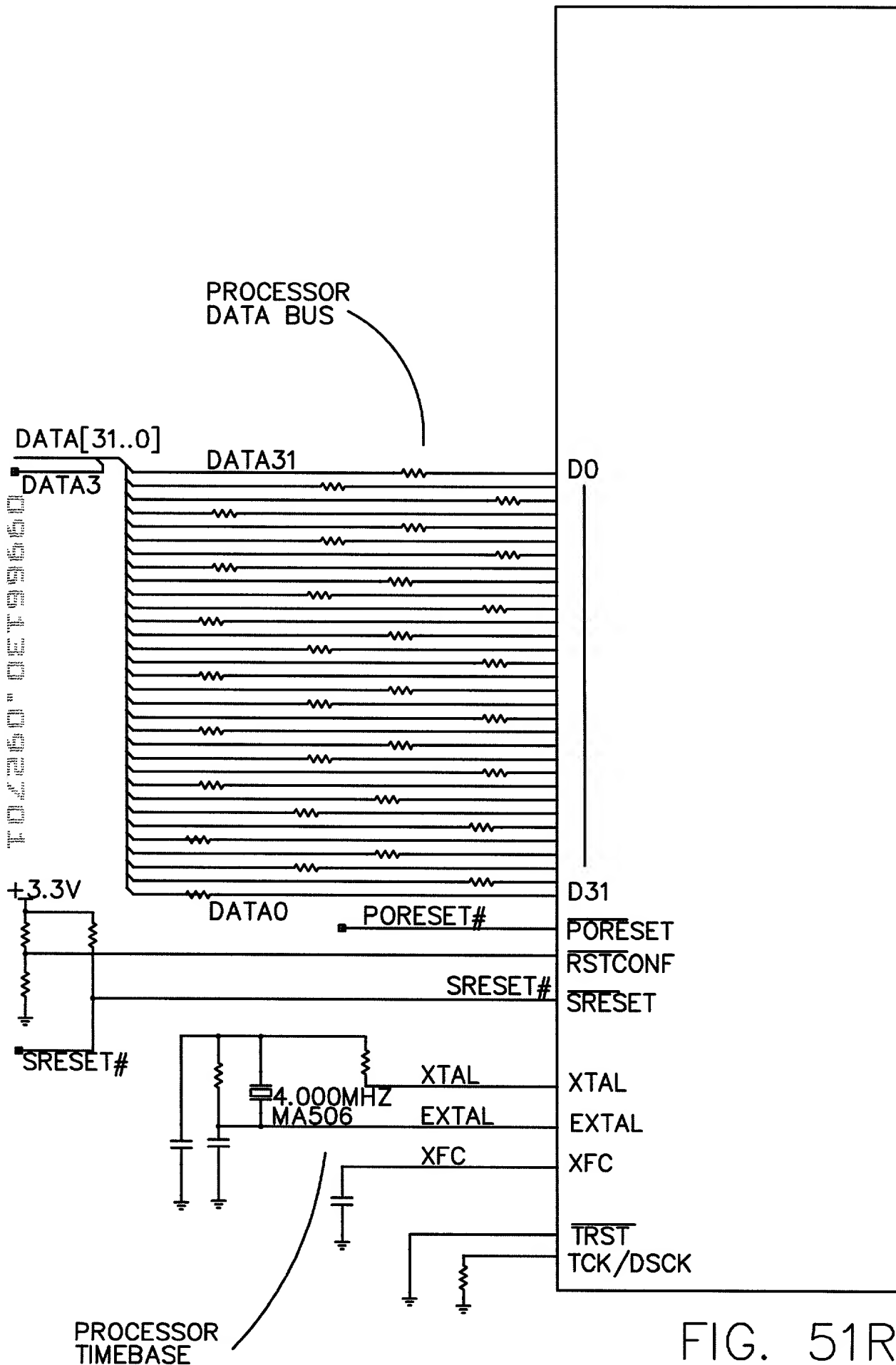


FIG. 51R

+

MPC855T-66MHz

PROCESSOR CONTROL

MEMORY CONTROL SIGNALS

$\overline{WE0}/\overline{BS\_B0}/\overline{IORD}$   
 $\overline{WE1}/\overline{BS\_B1}/\overline{IOWR}$   
 $\overline{WE2}/\overline{BS\_B2}/\overline{PCOE}$   
 $\overline{WE3}/\overline{BS\_B3}/\overline{PCWE}$

$\overline{WE0\#}/\overline{BSB0\#}$   
 $\overline{WE1\#}/\overline{BSB1\#}$   
 $\overline{WE2\#}/\overline{BSB2\#}$   
 $\overline{WE3\#}/\overline{BSB3\#}$

33 OHM,EXB-8V

$\overline{GPL\_A0}/\overline{GPL\_B0}/\overline{CS0}$   
 $\overline{GPL\_A1}/\overline{GPL\_B1}/\overline{CS1}$   
 $\overline{GPL\_A2}/\overline{GPL\_B2}/\overline{CS2}$   
 $\overline{GPL\_A3}/\overline{GPL\_B3}/\overline{CS3}$

$\overline{GPL\_A0\#}$   
 $\overline{GPL\_A1\#}$   
 $\overline{GPL\_A2\#}$   
 $\overline{GPL\_A3\#}$   
 PROCESSOR ADDRESS BUS

ADDR[31-0]

A0

ADDR31

ADDR3

A31

ADDR0

$\overline{CS2}$

$\overline{CS2\#}$

CLKOUT

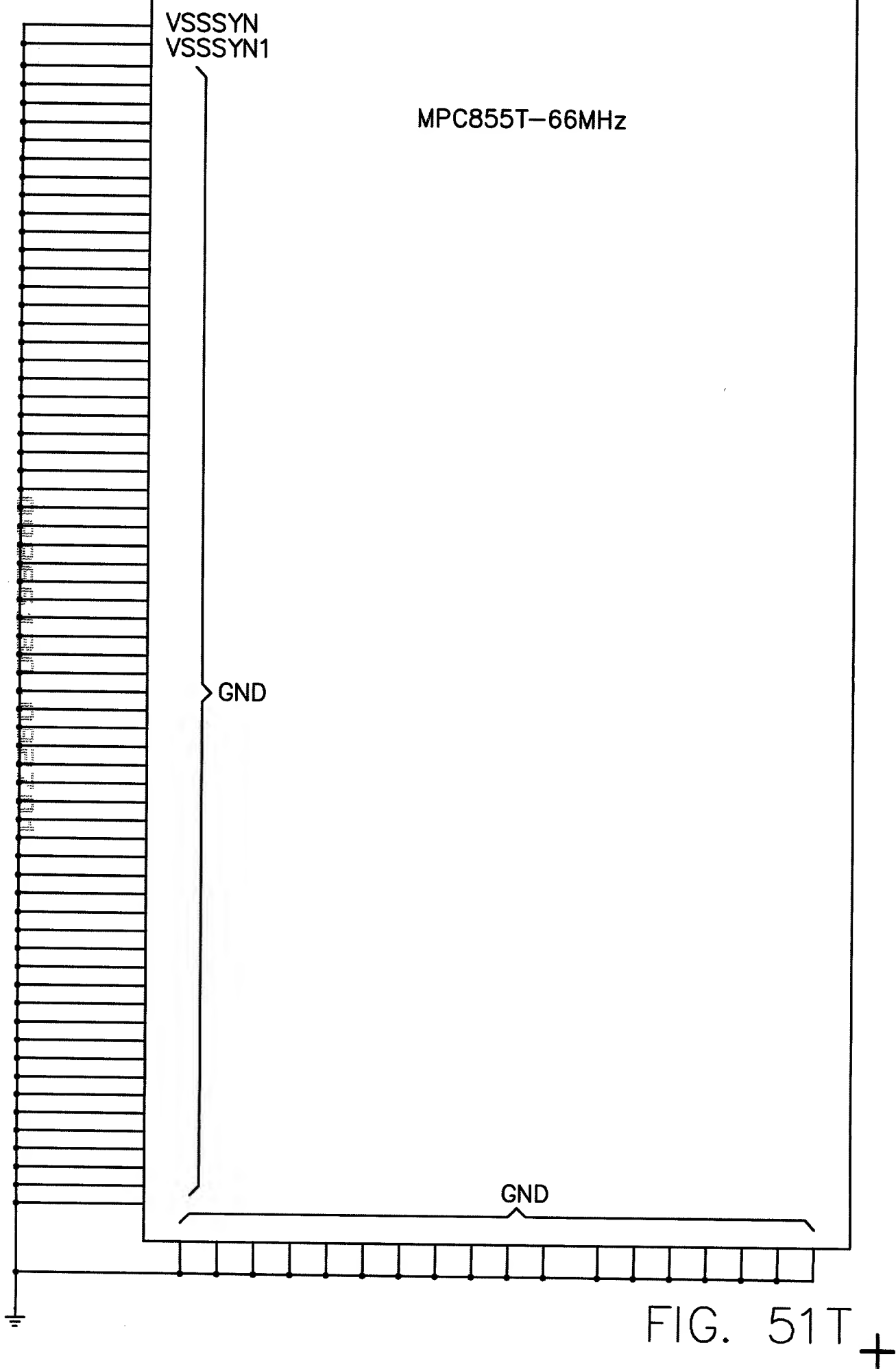
CLOCKOUT

OP3/MODCK2/DSDO  
 OP2/MODCK1/STS

MODCK2  
 MODCK1

FIG. 51S

PROCESSOR GROUND CIRCUITS



+

T0260" DET 5950

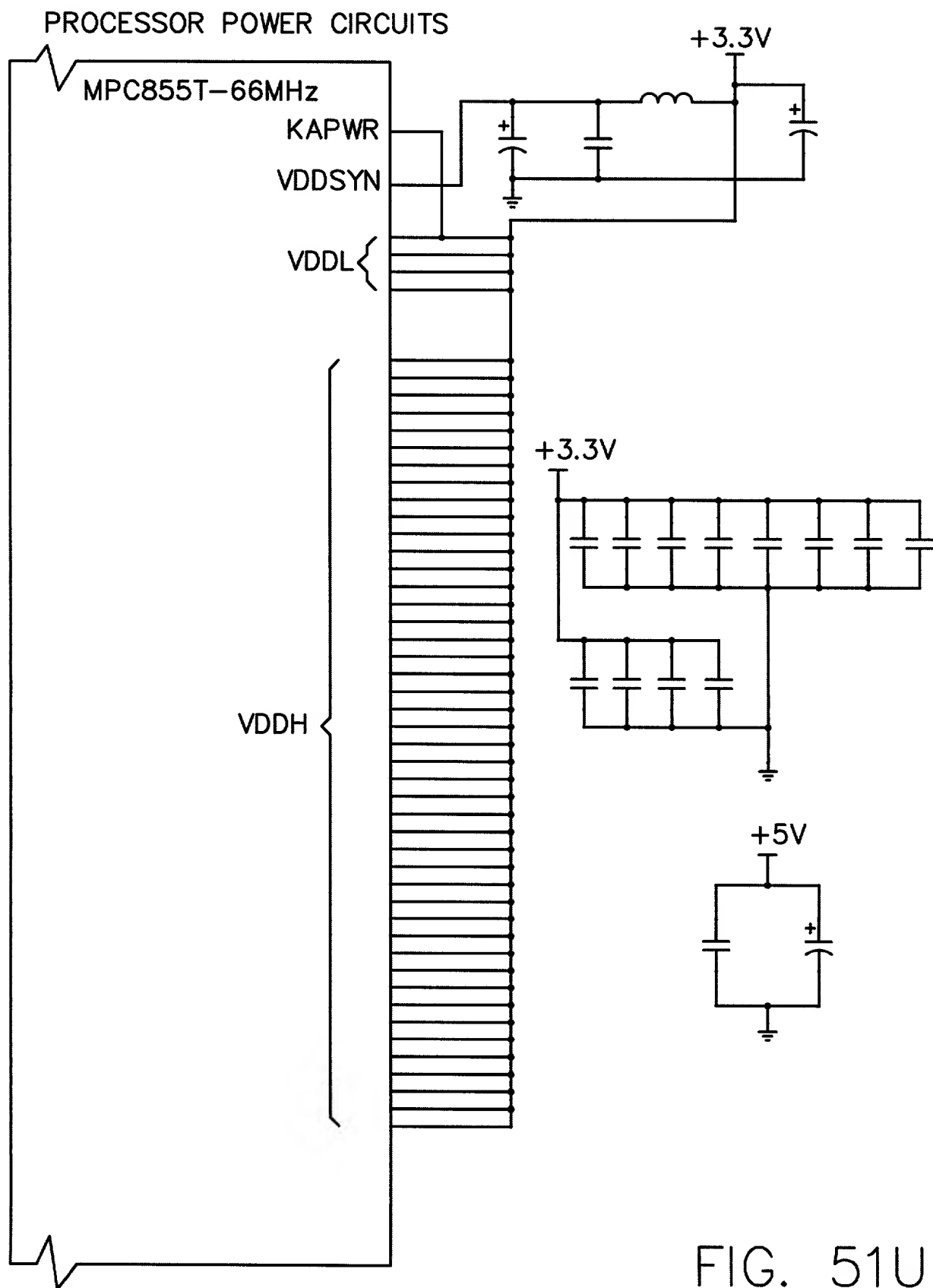
FIG. 51U<sub>+</sub>

FIG. 51V<sub>+</sub>

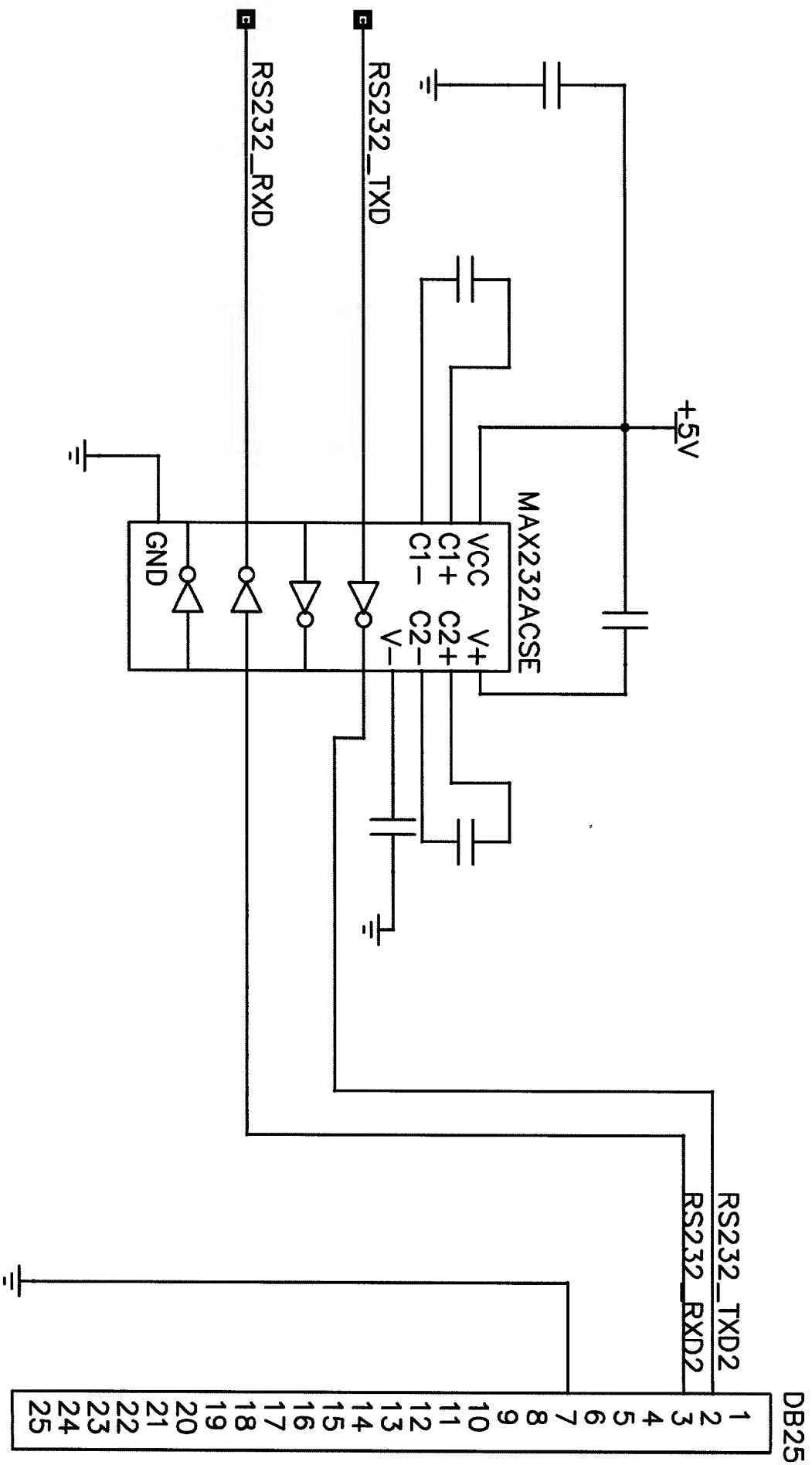


FIG. 51V<sub>+</sub>

20250101 09:50:50

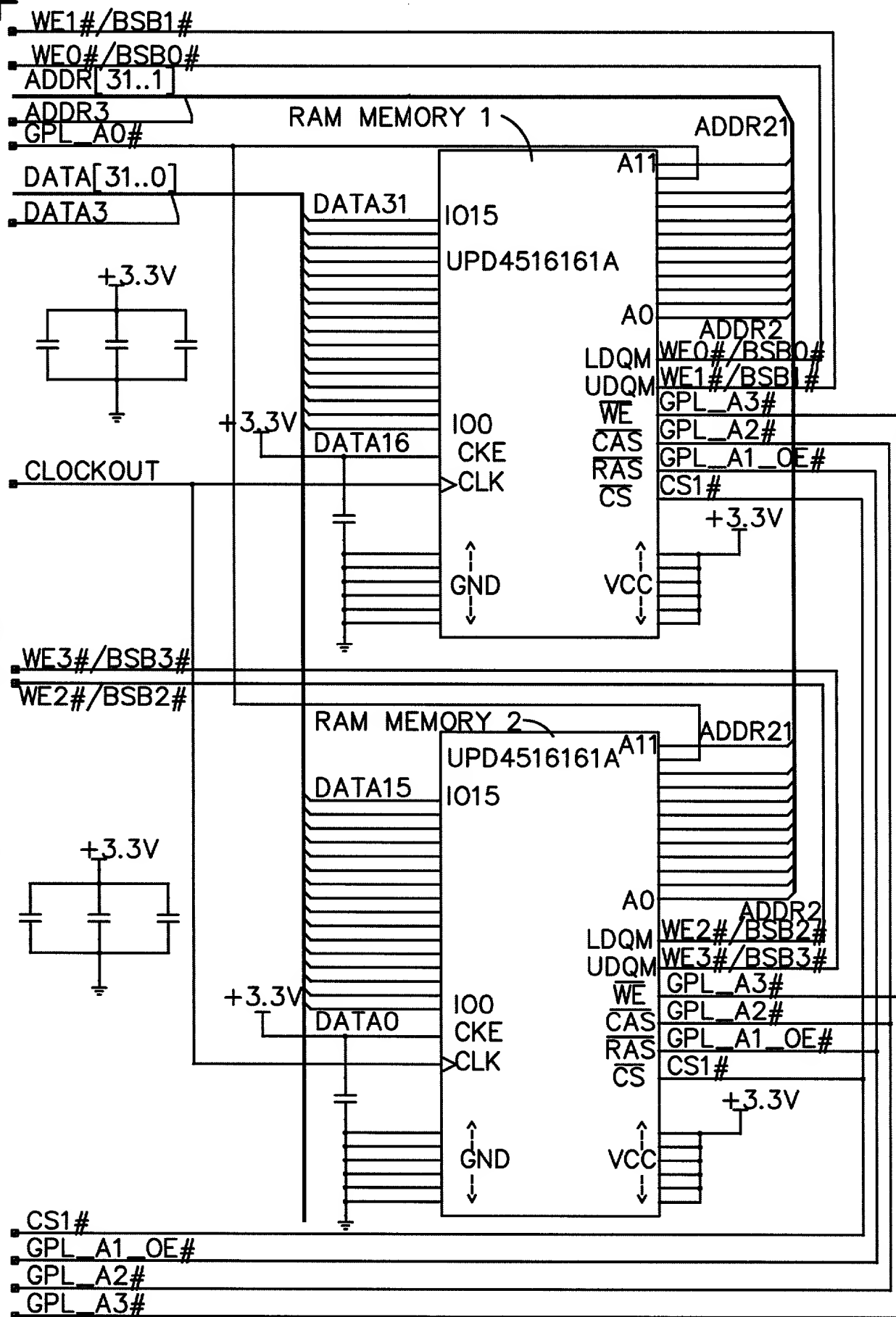


FIG. 51W<sub>+</sub>



FIG. 51X

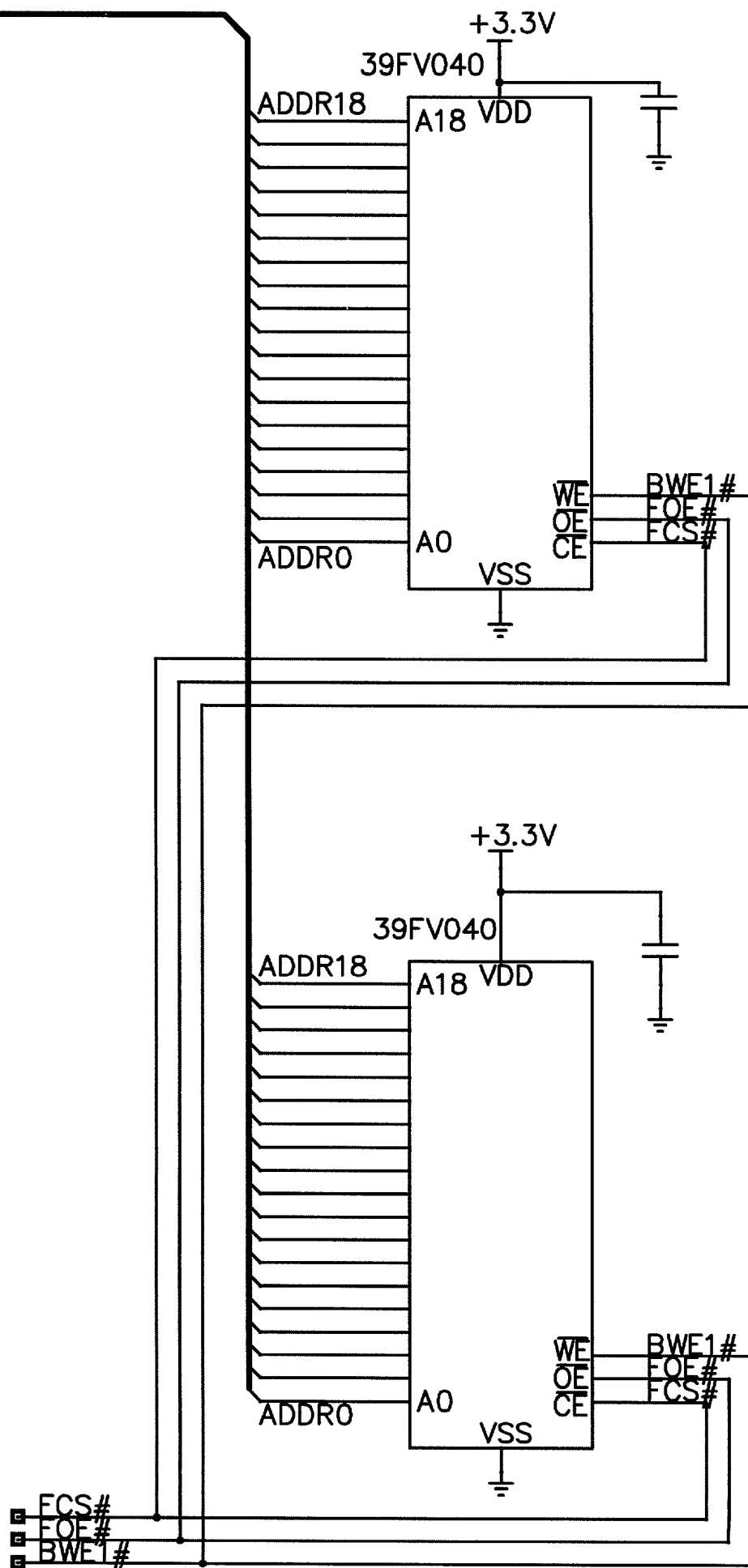


FIG. 51X

FIG. 51

# CONTROL MICROPROCESSOR

MPC855T-66MHz

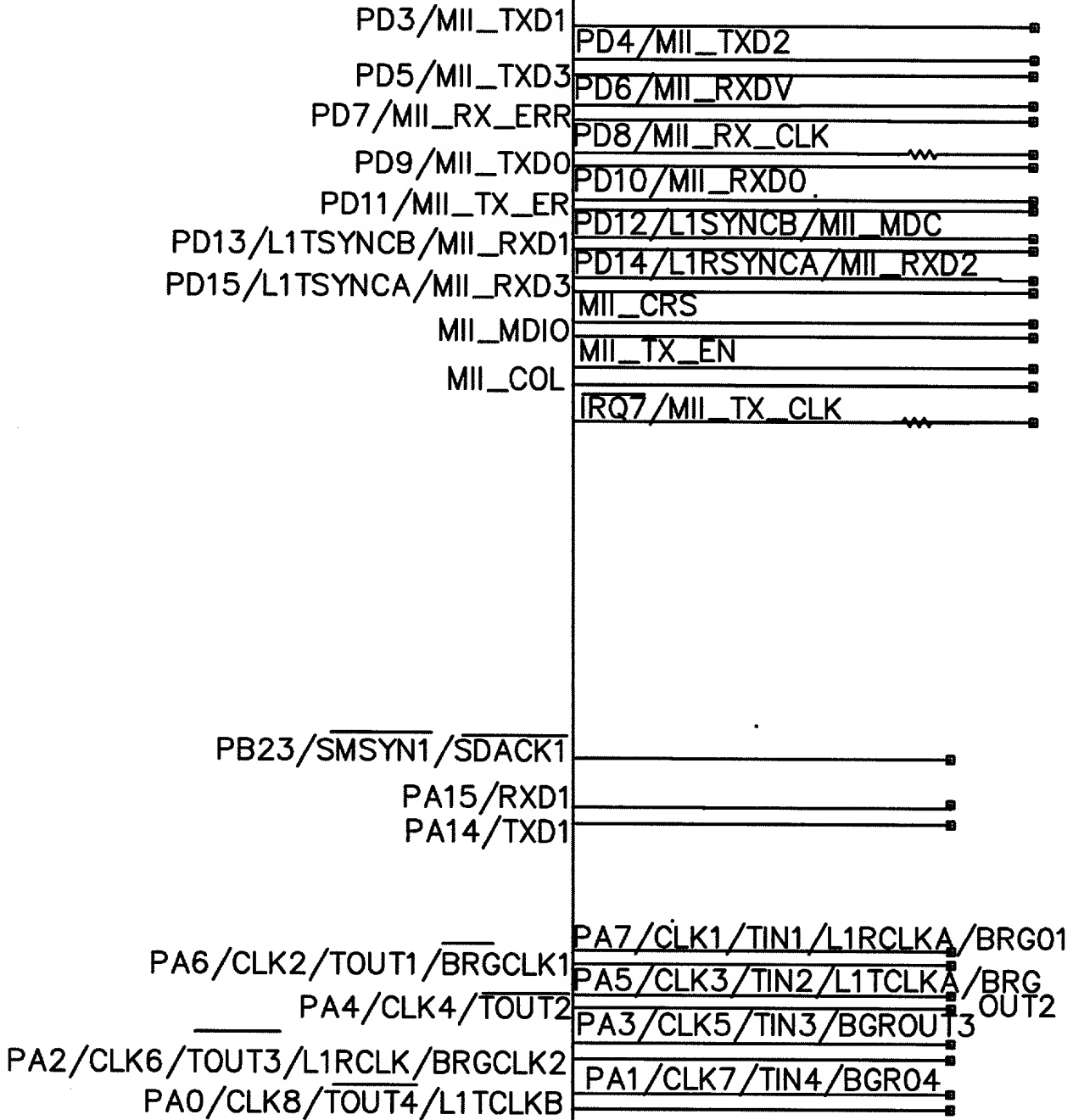


FIG. 51

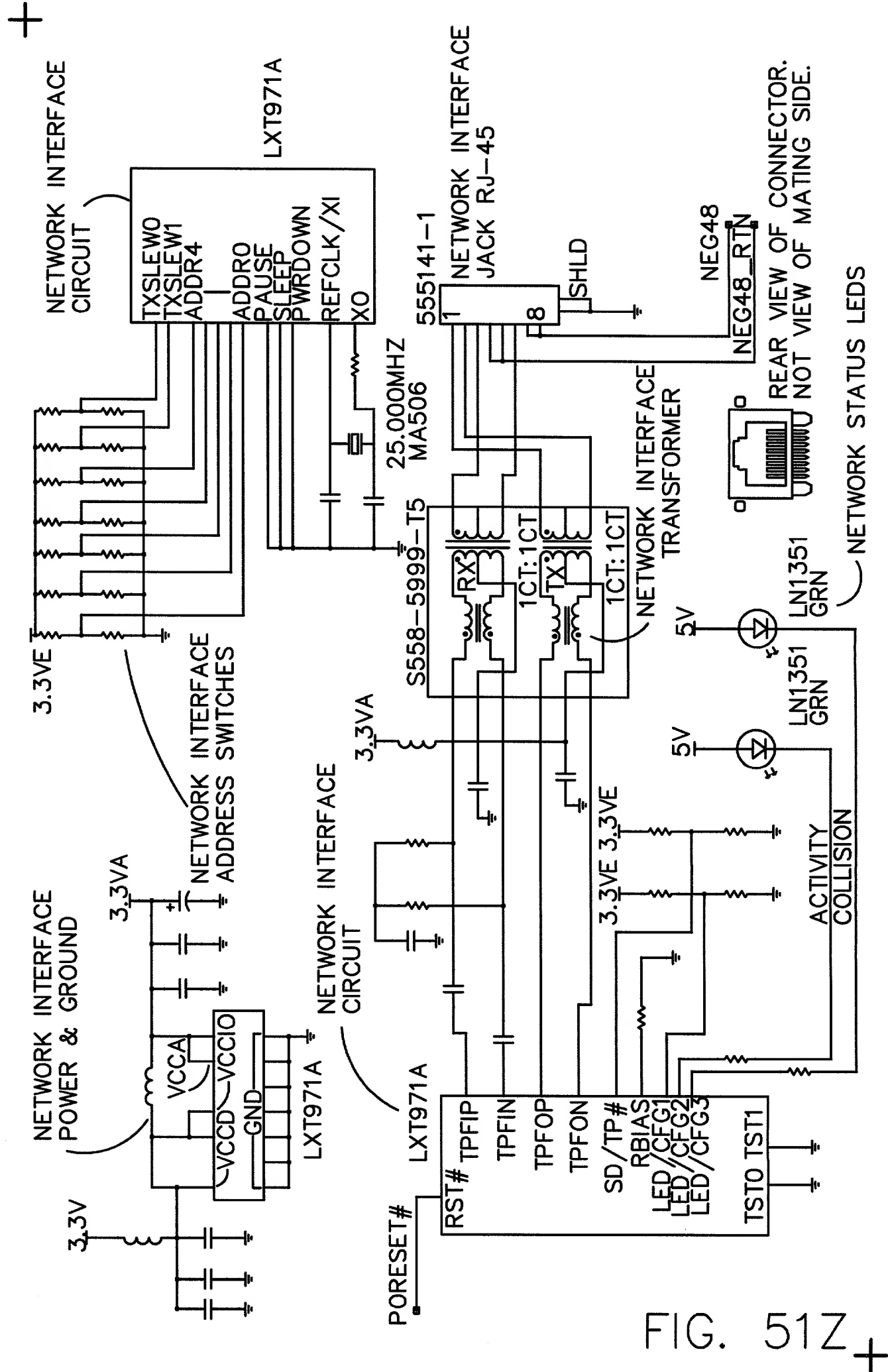


FIG. 51Z

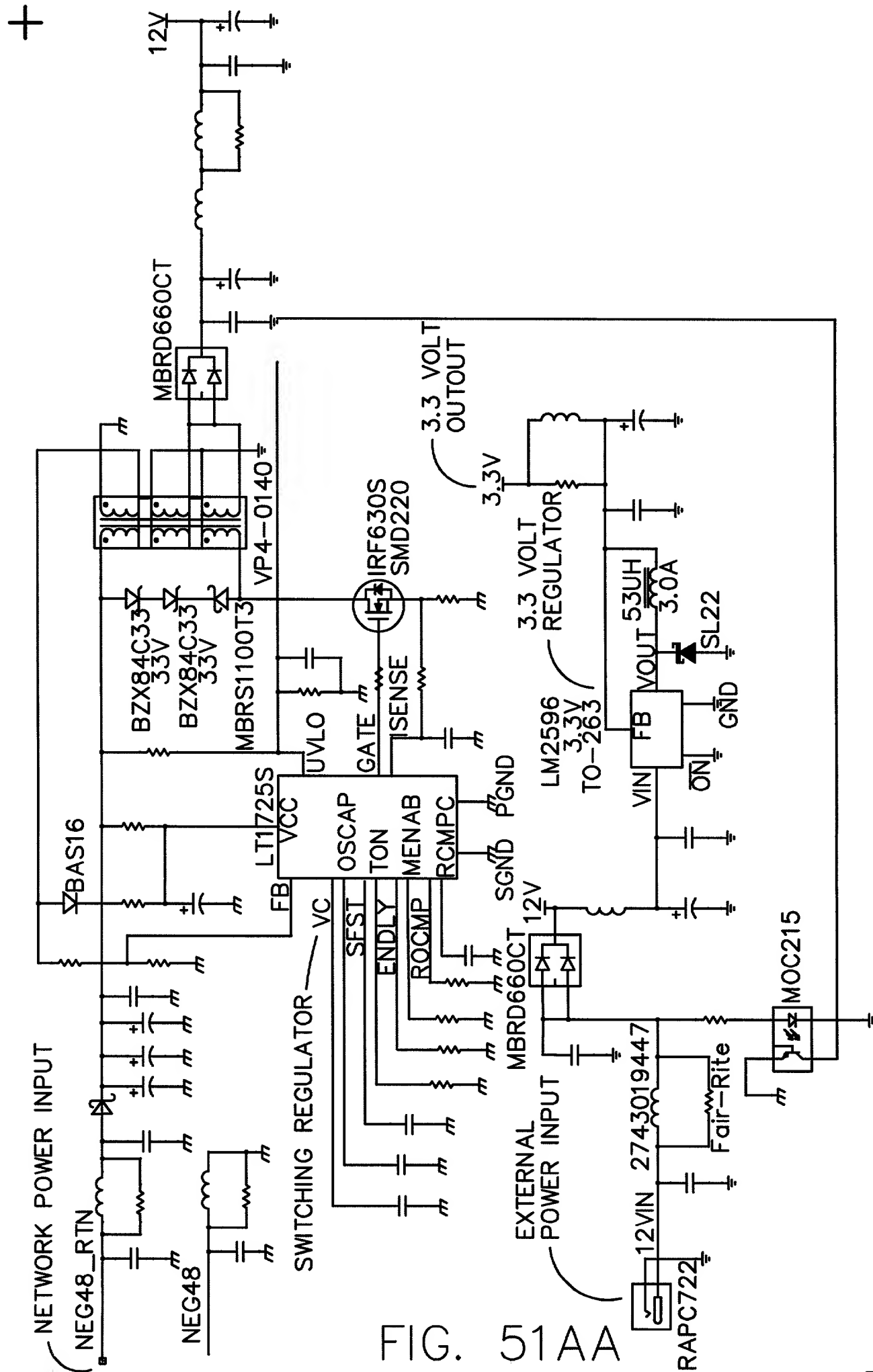
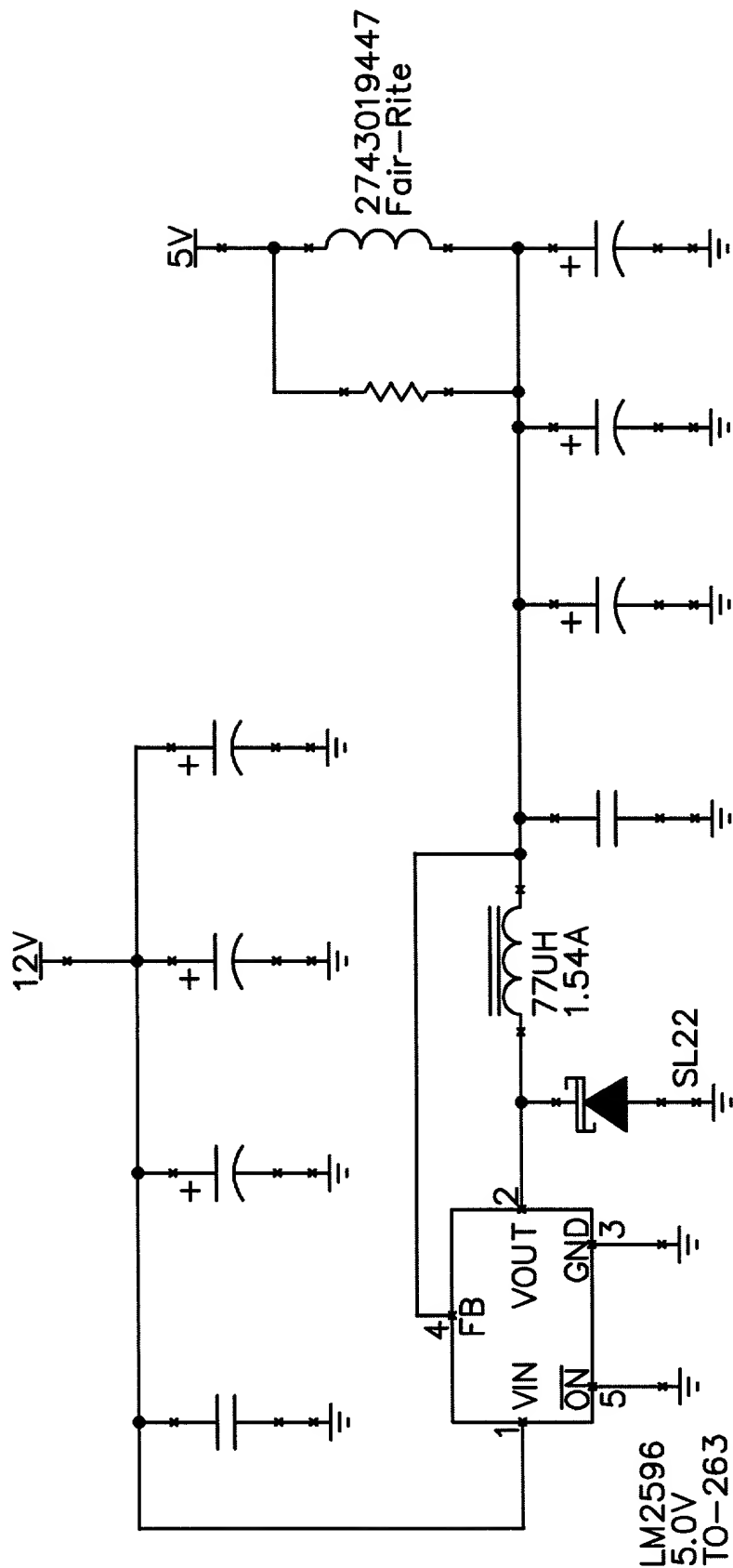


FIG. 51AA



5.0 V REG CIN  
3 EACH OF NICHICON PARTS:  
UUD1E270MCR1GS  
UUD1V270MCR1GS  
UUD1E330MCR1GS  
UUD1V330MCR1GS  
UUD1E470MCR1GS  
UUD1V470MCR1GS

5.0 V REG COUT  
1EA PANASONIC EEVFC2A680Q  
3 EA NICHICON:  
UUD1E270MCR1GS  
UUD1V270MCR1GS  
UUD1C330MCR1GS  
UUD1E330MCR1GS  
UUD1V330MCR1GS  
UUD1A470MCR1GS

FIG. 51BB